



DIARY OF  
INSECTS &c., CHIEFLY  
HYMENOPTERA  
Collected by A.W. Stelfox  
1931 - 1932

VOL. 4.



3<sup>rd</sup> May 1931. A windy day, cold, & practically  
no sun in morning. Pure Irish.

The Dingle, Co. Dublin. 10-30 till noon.

Looking for Dolerus leopoldi but none seen  
as no sun.

Bombus lucorum & agrorum a very few ♀♀.

Andrena albicans, nigroaenea & jaesbe a few  
♂♂ of each seen & 1 ♀ nigroaenea on road side.

N.B. In Museum from 2 till 5 pm.

Cuckoo heard!

8<sup>th</sup> May 1931. A fine afternoon but not  
much sun.

Marsh at Enniskerry, between up. & low. roads, 2<sup>nd</sup>.  
2-30 till 4.0 pm. Very little out. G. W. I.

Andrena pygmaea ♀ on dandelion

A. jaesbe & albicans ♂♂.

Nomada mercurialis ♂♂ & ♀♀ very fresh common

N. bipida 1 fresh ♀. R.C.P. in litt. 6.4.32.

Amauronematus sagmarius ♀ Beaten out of

Salix cinerea.

Dolerus leopoldi 10♂.



8/5/31 cont. The Dingle, Co. DU. 4.0 till 5.0 pm.  
Some sun, but little out.

*Diemasa* sp. taken in car on arrival.  
[*Dolerus*: none seen at all]

*Bombus muscorum* 1 fresh ♀, *lucorum* & *agrorum* ♀♀  
*Andrena albicans* & *jacobi* ♂♂. rare.  
*Nomada marshamella* common on ♀ *Satureia*.

10th May 1931. A warm dull, rainy day, with no sun till 7 pm.

Drove to Ballylusk, WI. Here stayed from noon till 2 pm. With A.A. Lianey.

*Bombus lucorum* a few ♀♀ in woods at *Vaccinium*  
*Verpa rufa* & *noveboracensis* ♀♀ in woods at *Vaccinium*  
[*Nomada marshamella* ♂ at Killadreenan glen  
clipping to seed of rush. A.A.L.]

*Trioxys* & *Trioxys* in garden. (1)

*Pentamerus* ♂

*Monileptus* ♂♂ in garden.

11th May 1931. Garden at Mayfield, Harold's Cross, DU. *Pimpla lucorum* 4 ♂♂, *Pimpla* ♂♂, *Andrena jacobi* ♂.

Glen of the Doona, (sandpit at south end of), Co. WI.

14th May 1931. A showery day: with some sun!

*Andrena jacobi* ♂♂ & ♀♀. *A. albicans* ♂♂.

*A. subopaca* ♀. *minutula* (1st found).

*Nomada marshamella* common.

15th May 1931. Garden at Mayfield, Harold's Cross, DU.  
*Pimpla lucorum* ♂♂.  
*Thrinax macula* ♀ on fern.

17th May 1931. A fine day with hot sun & some clouds.

Sandpit at Esker, Lucan, Co. DU.

10-30 till 12-30 noon.

*Bombus terrestris* ♀. *B. lucorum* ♀ (George!)

*B. muscorum* ♀. *B. agrorum* ♀♀ 1 or 2, *B. derhamellus* ♀ on white clover.

*Andrena albicans* ♂♂ & ♀. *A. jacobi* ♂♂.

*A. wilkella* ♂♂, very fresh. *A. subopaca* ♂♂.

*Halictus rubicundus* ♀♀. *H. albipes* & *calceolus* & *tumescens* ♀♀.

*H. leucopus* ♀.

*Sphecodes divinus*, *monilicornis* <sup>(1)</sup> & *affinis* <sup>(1)</sup> ♀♀

*Nomada bipida* ♂, very fresh. *N. marshamella* abundant.

*Laematodes* ♂♂ (one each, large!) <sup>R.C.L.P. agree!</sup>  
*Dolerus oblongus* ♂ 2 ♂♂ by Griffioen River.

*Rhyssalus anaeperis* ♂♂ & ♀♀ on nettles. *Empria* sp. ♂. See R.C.L.P. letter of 6.4.32.

*Hoplocampa pectoralis* ♀ <sup>R.C.L.P.</sup> beaten off the bark of Hawthorn in flower! out

*Stigalphus* ♂♂ abundant on elm, &:

*Stigalphus* ♂♂ on Hawthorn. *Stigalphus* ♂♂ on Hawthorn?



17/5/31. Knockmaroon, Co. Du. 12.45 till 1.15 pm.

*Andrena nigroaenea* many fresh ♀♀.

*Tenthredo pis coquebertii*? fresh ♀ in grass.

*Caloglyphus fuscipes* 2 seen.

One *Stenomacrus*? taken.

18th May 1931. Garden at Mayfield,  
Harold's Cross, Du.

*Andrena jacobini* very dark ♀

*Pimpla turionellae* ♂ & ♀. More than 10 seen.

20th May 1931. A fine sunny day!

Stayed previous night at Donaghadee & in afternoon walked from Stranmillis to 3rd lock on Lagan Canal & back, Co. Antrim.

*Andrena jacobini* ♀♀ abundant - resting in river bank.

*Nomada marshamella* also seen.

20.5.31.  
*Pimpla turionellae* ♂

*Barichneumon* ♂

*Nomada marshamella* ♂

taken in garden at Harold's Cross, evening!

24th May 1931. A blustery day, mild, & a good deal of sun, but wind & heavy shower about 2 pm. Spent collecting.

All Co. Meath!

Drove to Trim, via ~~Blonney~~ <sup>Blonney</sup>; then back via the Abbey bridge below Trim, Bectin & Ballintra Bridge to Navan & home. Stopped on way to Trim at marsh by the Tolka, N of Blonney, Co. ME., = 1, nest at old sandpit on right hand side of road near Branskeys = 2; Abbey Bridge below Trim = 3, Ballintra Bridge = 4, road home from Navan = 5.

24/5/31 cont. Trim, & cont.

Roadside near Batterstown = 1A and flower of *Viburnum Lantana* by roadside near Ballintra Ho. = 4A.

*Bombus* not more than 6 or 8 seen all day & no *B. lucorum*.

*B. derhamellus* 1 ♀ at 2, *B. agrorum* several ♀♀ at 2 & 4.  
*B. terrestris* 1 ♀ at 4.

*Andrena albicans* ♀♀ at 2 & 4. *A. nigroaenea* ♀♀.

*A. jacobini* ♂♂ & ♀♀ at 2. *A. vilkella* ♂♂ at 2 & 4.

*A. sericea* ♂♂ at 2. *A. saundersella* ♂♂ & *subsparsa* ♀♀

*Halictus rubicundus*, *coleratus*, *alpinus*, *prospers* ♂♂ at 2.  
*tumulosus*, *leucopus* & *nitidus* ♀♀ at 1A, and 2.

*Sphaerodes monilicornis* 1 ♀ at 2.

*Nomada marshamella* & *gordemana* common at 2.

*N. tipida* 1 ♀ at 2. *N. flavoguttata* 2 ♂♂ (1 small) at 2.

*Salix fusca* 2 ♀♀ at 2.

*Tenthredella temula* 1 ♂ on flower of *Anthriscus sylvestris* at 1A.

*Tenthredo arcuata* 1 ♀ on flower of *V. Lantana* at 4A.

*Dolerus* ♂ & ♀ at 1. *D. niger*? very small ♂ at 1.

*Rhyssalus anemoriae* ♂ at 1

*Empria* ♂ on *Salix* by river Tolka at 1 (See R.C.L.P. letter of 6.4.1932).

*Empria* ♂♂ (? var. of *liturata*. R.C.L.P. in litt. of 6.4.32) at 4. P.T.O.



(6.)

24/5/31 cont. Trim, & C. Meath.

Arge ciliaris 1 ♂ on flower head of Anthriscus sylvestris by field at S.W. corner of Abbey bridge (= 3) one mile below Trim. Looked like a Dolerus until I saw it at home!

Pteronidea myosotidis ♂ at 4.

Melanichneumon saturator ? ♀ on nettles at 3.

Ichneumon ruficornis ♀ at 2.

Cataglyphis fortis at 2.

Leptantrum sp. (or Theridion) at 4.

Meteorus ♀ at 2.

24.5.31. Evening (late off). Garden at 14 Clareville Rd, Harold's Cross, Dublin.  
Thrinax macula ♀. Hemiteles ? ♂. Nematus ? ♀.

26/5/31. Mesoleius sp. ♂ taken in garden at 14 Clareville Rd, Harold's Cross, Dublin, in evening. Odynerus pictus ♂ seen for first time 1931. Also ♀ Andrena albicans.

(7.)

27th May 1931. A glorious morning after a very fine day, but turning dull in afternoon & thunder & rain at night.

Afternoon 3 till 5.30 pm. No run after 3.15 & insects just disappearing when I arrived!

Deerpark, Bunscoirt Co. WI. (gate to mill)

Andrena ~~hypocrita~~ <sup>hypocrita v. scotica (small)</sup> first ♀ beaten out of maple (in flower).

Ichneumon pilicornis 2 ♀♀ at logs. <sup>one very large, one small.</sup>

Homocidus ~~obscurus~~ ♀ beaten out of spruce in marsh of the logs.

"Hemiteles" ? ♀ beaten out of spruce ? (or oak).

[Chrysis ♂ taken in the morning. Theridion ♂ seen. All.]

Dolerus bimaculatus ♂♂ & 1 ♀. D. gemmeri ♂♂

These all sent to Mr. B. Benson of B.M.

D. gemmeri ♂♂ beaten out of spruce.

Dolerus vertigialis ♂ of dark var. sent to Benson.

Selandria serrata ? 1 ♂ in marsh

(All, except those beaten, taken during the few minutes before the run sent for food!)

Many beetles collected for E. O'Sherry including: 15 species.

[First Homocidus (pictus ♂) seen in garden, Harold's Cross, Dublin, on this date.] [Also 2 ♂♂ Chrysis ♂♂ in garden about this date!]



8.1

31<sup>st</sup> May 1931. A dull day, E - SE wind, with  
drizzly rain at intervals till 2 pm. & no sun  
till on return journey! With Palmer.

Down to Athy & then south to Ardriagh,  
Tancredstown Bridge, down Queen's Co. side  
of river to Mayney, then to Carlow &  
back to Ardriagh & home via Athy.

- 1 = sandpit opposite Ardagh House.
- 2 = sandpit (concrete) S.E. of Farmhill } Co. Wick.
- 3 = right bank of river at Tankardstown Bridge, Q.C.
- 4 = roadside S. of Mayany, field & marsh near Barrow, KD.
- 5 = railway N. of Carlow, Co. CW. these not separated when being labelled & no acc marked [Athy. at. Co. KD.]
- 6 = field near Spring House, S.E. of Farmhill, KD.
- 7 = gravel pit, 1 mile E. of Athy.
- 8 = roadside, field-banks & sandpit, near Walterstown between Kilsallen & Naas, Co. KD.

Bombus lucorum several ♀♀ seen during day.

B. tenestrin 1 fresh out - in last there at 8.

B. lapidarius 1 ♀ at 1. B. deshamellus ♀♀ frequent at 1, 4 & 5.

B. muscorum 1 ♀ at 5. B. aporum ♀♀ frequent.

Andrena nigroaenea ♂♂ at 7 & 8. A. albicincta ♀♀ at 8.

A. wilkella ♂♂ at 8. A. subspica ♀ at 6 [? also at 8].

G. frontalis ♂♂ at 8.

[6.  $\frac{1}{2} \frac{d}{dt} \int_{\mathbb{R}^n} |u|^2 dx = \int_{\mathbb{R}^n} u \Delta u dx = - \int_{\mathbb{R}^n} |\nabla u|^2 dx \leq 0$ ]

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31/5/31. cont. Athy distinct: Cont.

*Salix rubicundula*, *calceatus albipes*, *frag. uncinata*,  
*nitidiuscula*, *lucida* a few ♂♂ & ♀♀.

H. ♀ at 3 (Culmory).

*Tomoda marshallia*, *gordeneana* & ? <sup>*rupicola*</sup> ~~*rupicola*~~ at S.

Crabro dimidiatus, : ad 5 (Palmer).

*Tenthrudella levis* (Harris) ~~sp. n.~~ (Palmer).

*T. leucula* ♂♂ & ♀♀ at 4 & 8. *T. pernyina* ♀♀ at 0  
 feeding out of her thorax

*mesomelas*, 107 seen at 1.

*Tenthredopsis* *N.* or frequent at 1, 2, 3, 4 & 7.

299 taken at 7.

[*Empria* ♀ ("probably the longicornis and Brit.") & *Monophadnus geniculatus*, in marsh at 3  
at the S.W. corner of bridge. The only species taken in Queen's Co.!] ]

Pteronides myosotidis ♂. Beaten off Hawthorn at + 6. 6

Station 1 at 4

1847. 18. 18 on base of S. Hem. th. Acidus. 19 at 6 (6).

9 at 1100 ft. alt. 6000 ft. alt. 5000 ft. alt.



10.

3rd. June 1931. Very hot & humid, much v. hot sun in aft. after a very wet week.

Porouscut demesne, Co. WI. Slopes up to & sandpit on plateau, just above Tinnahinch gate.

3.30 till 5.30 pm.

*Bombus lapidarius* ♀. *B. lucorum* ♀♀ + 1 ♀ on *Syringae* (MSS).

*B. agrorum* ♀. *B. derhamellus* ♀.

*B. hortorum* ♀♀ on *Comfrey*.

*Psithyrus campestris*, v. black; *Ps. barbatellus* & *distinctus* [4 ♀ each].

*Andrena nigrescens* ♀♀. *A. vilkella* ♂♂.

*A. fucata* ♂♂. *A. fucata* var. with dark legs, 1 ♂ near gate, by annexe.

*A. albicans* ♀♀. *A. piceipes* ? 1 ♂ near gate.

*A. cineraria* ♂ & ♀♀ in sandpit.

*Halictus tumulorum*, *leucopus*, *rubicundus*, *calceatus*, *albipes* & *freycineti*, all in sandpit.

*Sphex divinus* very large ♀♀. *Sph. lyalinus* ♀♀, common.

*Sph. affinis*, very small form, ♀♀. All in sandpit.

*Nomada muscivora*, *rupestris*, *lucida* & *parvula* ♀♀ all in sand-pit.

*Pompilus gilvus* on slopes & in sandpit; ♂♂ & ♀♀.

*Athalia* (♂ & ♀).

*Tenthredella temula* ♂ seen at barthorn by annexe.

11.

3rd. June 1931 cont. Porouscut cont.

*Cratichneumon* ♂♂ at oak.

*Agrypon* ♂ at oak

*Sphexphaga ruficornis* ♀♀ frequent near sandpit.

not a  
MSS & large  
Painted Lady  
butterfly  
annexe.

7th June '31. A warm, very showery day & only some patches of sun. Morning (in museum in aft.)

Drove through terrific rain to Bray (there no rain) & worked sandy cliff at Vallambrosa, Co. DU = 1

Then to marsh opposite chapel at Kilmacanoy (Co. WI.) = 2 & Rocky Valley at W. end = 3. Very little sun!

*Bombus agrorum* ♀♀, very few, at 1 & 3. *B. muscorum* ♀ at 3.

*B. lapidarius* ♀ at 3.

*Andrena vilkella* ♂♂ at 1 & 3. *A. cineraria* ♂♂ & ♀♀ at 3.

*A. saundersella* stylized ♀ at 1.

*Halictus rubicundus*, *tumulorum*, *leucopus*, *freycineti* & *albipes* ♀♀ at 3.

*Sphex affinis* ♀♀ at 3, on Bellis.

1 ♀ on flowers  
of grass!



7/6/31 cont. Bray (Vallambrosa), Kilmacanogue & Rocky Valley <sup>cont.</sup>  
*Nomada marshamella* common at 3. *N. foderiana* 1 ♀ at 3.  
*N. parviflora*, ♂ on Bellin at 3 (given to Palmer).

*Abia sericea* 1 ♂ swept in marsh at 2.

*Tenthredopsis* ♂♂ at 1.

*Selandria flavus* 2 ♂♂ at 2.

*S. stramineipes* ♀ on bucken at 3.

*Dolerus nigratus* ♂ at 2.

*Alomyia debellator* red ♂ at 2.

*Zootrophus rufiventris* ♂♂ in marsh between roads at 3.

*Promethes cognatus* 1 ♂ at 2.

*Pimpla ruficornis* var. ♂♀ 11 long terebra. on marsh at 3.

*Catoplyptus fortipes* ♂ at 1.

*Hemiteles* ♀ long terebra at 2, at Hawthorn.

*Euphorus pallidipes* ♂ at 2.

10th June 1931. Afternoon: very stormy (S), hot, with  
 drizzle, only a little sun, except on my home.  
 3.30 till 5.0 pm. Right bank of R. Liffey, Co. WI.  
 just above Burgage Bridge, S. of Blessington.  
 Most insects beaten or picked off Hawthorn, but  
 practically no insects owing to pale. With Palmer.

*Andrena sericea* 1 ♀ on Dandelion (Palmer).

*A. wilkella*, very fresh ♀ on Hawthorn.

*Tenthredopsis* ♂♂, 1 dark ♀ + 3 brown ♀♀ on  
 Hawthorn.

*Tenthredella temula*, ♂ seen on Hawthorn.

*T. mesomela* ♀ on lilac flower in hedge near road.

*Dolerus gemmeri* 2 ♀♀ beaten off spruce & Hawthorn.

*D. picipes* 1 ♀.

*Catoplyptus fortipes* 1 ♀ on grass.

*Hemiteles* spp. ♂ & ♀ on Hawthorn.

*Stenomacrus* ♀ on Hawthorn.

*Promethes cognatus* ♂♀ on Hawthorn.

*Attractodes* ♂ on Hawthorn.

All labelled  
 King's River  
 Co. WI. A.W.S.  
 10.7.31.

*Andrena sericea* ♂♂ and  
 Hummingbird Hawk Moth  
 seen at Rathmore  
 10.7.31.



12<sup>th</sup> June 1931. A fine warm evening after a dull day.

Spent an hour in garden, 14. Clareville Rd.,  
collecting.

Crabro varius F.F. Seen for first time this season.

Pemphredon lethiger 1

*Odynerus pictus* 107, probably the same one seen  
for several days.

Verpa germanica ♀ seen.

Bombus lucorum ♀♀ seen at Eria medionares

Violets & Raspberry flowers. Also running on wall.

B. aprum 1 ♀.

Pteronidea ribesii, ♀ on white currant.

Tenthredin or seen: a Black form.

*Therapsilus*

Homocidus tarsatorius, 1 ♀. H. pictus, 1 ♀.

Promethes real Hem. ocide. signatus var. 07.

Promethes not Homocid. signatus var. 107.  
Chytopyga incitator 107.

Humming-bird Hawk with seen in garden at Quabets.

14<sup>th</sup> June 1931. Great day!

Wm. L. Coan, Genl. of Arsenal, C.W.

I christened *Rugosquilla*, via N. Pison.

Leaf no 2 Rhynchospora viridis, off Salix aurita

by little Lancy, & most of Strongylogaster lineatus

Bracken, ~~by~~ at Conn. A ♀ Pieris napi

taken on summit plateau at 3,000 ft. by

one of the party. Party consisted of J. A. S.

Stendall, Nora Fisher, Alex. Danzon, J. S. S. S.

205. Mr. J. H. Palmer & self.

Heavy mist & rain all day, except at start!

6<sup>th</sup> June 1931. Took ♂ Odynerus trimaculatus  
in garden, 5.30 pm., 4 Clareville Rd.

14<sup>th</sup> June 1931. A stormy afternoon with very light  
wind & falling temperature, but considerable hot sun!

2.30 till 3.30 pm. Channel at foot of the Scarp, Co. WI & DU

[mostly taken on W1 side of the stream & all labelled W1.

Bombus agrorum a few ♀ & ♂ seen. No other Bumble!!!

Helictes, many common spp. in Gaias on old road including

H. Freyssonneri



17/6/31 cont. The Scalp, Co. WI cont.

*Andrena subopaca* ♀

*Nomada ruficornis* & *marshamella* common on daisies.

*Tenthredella atra* ♀. *Dolichopus* *pelipes*?

*Selandria stramineipes* ♀. ✓ RCLP.

*Strongylus lineata* ♀ overwintering on bracken.

*Glypta "similis"* ♂

*Bombus terrestris* "viridis" ♂ (bees & daisies).

*Prionyx pulchellus* ♂

*Euclyptus* ♂.

*Euphorus pallidipes*? ♀.

*Aphidius* sp.

17/6/31 cont. Enniskerry Glen (Glenside), Co. WI.

3-30 till 5-30 pm.

*Bombus hortorum* 1 fresh ♀ seen. *B. agrorum* one or two ♀♀

*Prionyx distinctus* 1 fresh ♂ in woods. A most remarkably early record, especially for a year when almost all the Bumble bees have been exterminated & practically no ♀♀ seen up till this date.

17/6/31 cont. Enniskerry Glen cont.

*Andrena fucata* 1 small ♀. *A. subopaca* ♀ on *Sanicula*

*Nomada ruficornis* ♀ on *Sanicula*.

*Athalia cordata* ♂.

*Selandria stramineipes* ♀ ✓ RCLP.

*Tomostethus dubius* ♀ of type.

*Pachyprotasis antennata* ♂.

*Amphytelus oratorius* ♂

*Chorinaeus crustator* (♂?)

*Pimpla*

*P. maculator* small ♀.

*Euclyptus portipes* ♂.

*Ichneumon delicatorius*? ♂.

18/6/31 cont. Enniskerry Glen (Glenside), Co. WI. 26/5/31 & 27/6/31. { Returned with Holmes to Enniskerry Glen about 26/5/31 & brought home more stuff. From some of which hatched one more ♂ *Phidias*, 1 ♂ *Spathius*, during July, and 4 ♀♀ of *Disagmus areolatus* Hal. late in Sept. 1931.

19th June 1931. Evening of a poor day! 8 pm.

Taken on Ellen's lilac tree overhanging garden of 14 Clareville Rd., Rathgar, Co. DU.

*Orthocentrus* 2.

{ 2 ♂♂ of 1 ♂.  
1 ♂ (*Ichneumon*) of another of.



21<sup>st</sup> June 1931. A fine day, very warm, sunny, with strong westerly wind. The first fine Sunday for many weeks!

10.30 till 12.30 noon. S. side of Bray Head, Co. Wicklow, along old railway.

Not many insects out, no doubt owing to bad weather previously. Many Painted Ladies & some *Hel. peltigera*, very warm, from the recent immigration.

*Andrena nigroaenea* ♂♂ & ♀♀ numerous in same place.

Shaw Saw ♂♂ on 9.4.31.

*G. subopaca* ♀♀.

*Halictus rubicundus*, *villorulus* (common), *nitidusculatus* & *tumulosus* ♀♀.

*Sphæroderes divinus* & *officinis*, 1 ♀ each.

*Nomada marshamella* & *fordeniana* both common, 2 all ♀♀.

*Pemphredon shuckardi* ♀.

*Platylabus dimidiatus* ♂. *Aspilota* *sternum*? 1 ♀.

21/6/31 cont. S. side of Bray Head cont.

[*mesochorus*. ? & another sp. (Cynipid) taken in car near Greystones!]

23/6/31 Evening 7 till 9 pm., with Palmer.

Down to central Lodge (late Brady's) Glenasmole, Du.

to watch *Rhyssa percellens* ♀ boring in trunks on footbridge & feeding by *Cera* *recessa*.

During the early part of the boring process the ovipositor has the sheath held in position & all three seem to be gripped between the mid conae: later when the drill has entered the wood the sheaths are drawn away & the ovipositor has no support from the conae. See sketch.

Many ♂♂ & ♀♀ seen

though reported by Palmer & Westropp some weeks previously!



23/6/31 cont. Glenasmole, Du. cont.

Many larvae beaten off *Salix cinerea*, *Populus*  
*serotina* & a few from *Betula*, including one large larva  
of ? *Trichioroma*. From the poplar I collected a  
lot of mines made by ~~the~~ sawfly larvae?

Along edge of Upper Reservoir I took several ichs. &  
sawflies & some also beaten off *Salix* on upper dam.

*Tenthredo* kinds ♂ seen. *T. melanota* seen.

*Tenthredin* 3♀♀, one nearly black, one black & red &  
the third tuffe-coloured, all beaten off *Salix*.

*Ichneumon pilicornis* 2♀♀: one on feeding by lower reservoir

Now Palmer took *Phaenocarpa bipunctata* & one on  
branch by upper reservoir.

*Meniscus murinus* 1♀ on branch by upper reservoir.

*Bombus lucorum* ♀♀ & ♂♂ frequent.

24th June 1931. A fine afternoon (anti-cyclone) after a wet  
night & dull morning: cool, with strong E. wind, but  
all sunny. Not much out & very little seen in  
deer park.

Boysen Court, Co. WI. Lower end of deer park = 1

Slopes on rt. bank of river just below deer park = 2.

*Bombus agrorum* & *lucorum* ♀♀ seen.

*Andrena fucata* ♂♂ & ♀♀ at 2. *A. lapponica* 1♂ at 2.

*A. subopaca* ♀♀ at 2.

*Homalictus flavipennis* ♂ & ♀ at 2.

{ Various common *Halicti*  
seen at 1 & 2.

*Gorytes mystaceus* ♀ at 2.

*Nymphae* *spurius* ♂ at same place.

*Exochus* *melanota* at 2.

*Dolerus bimaculatus* ♂♂ & ♀♀ at 1. *D. gemmatus* ♀♀ at 1.

*D. picipes* ♀ at 1. *D. rufus* 1♀.

*Trichostus* at stump at 1.

*Homocidus* *spurius* ? at 1 or 2.

*Alomyia debilis*, red ♂ at 2.



2. 25<sup>th</sup> June 1931. *Bombus lucorum* ♂ seen in Thyme  
in front garden, 14 Clareville Rd. D.C.  
26<sup>th</sup> June 1931. *Oedematopsis scabrida* ♀ taken in garden

28<sup>th</sup> June 1931. A perfect day, after misty morning!

Drove to Coan, Glen of Anaal & ascended  
Lugnaquilla via Little Slaney. C. W. I. Palmer

Stopped in Merginstown Glen on route. Here took

*Aerodactyla degener* ♀, only: = 1.

Stopped again 10-30 till 11.0 AM at bridge over Slaney

at Davidstown = labelled "Glen of Anaal: 18"

Then drove on to Coan & collected for two hours  
up the Little Slaney to about 1/2 mile above the  
old military reservoir = ~~"Glen of Anaal: 3"~~ Coan  
C. W. I. A.W.S.  
2 = No. 3.

Then climbed up slope of Lug to near summit  
& examined *Salix herbacea* for sawflies, but none

seen & dropped into N. Prison, saw Parsley Fern  
& came out at bottom. Here, on cliff of N. Prison  
took 2 Tryphonids & on floor of Prison & old lake site  
1 large Tryphonid & small

& also saw *Dolerus aeneus* = "Lug. ~~flora~~ ~~add~~ 4"

On descent & after tea again collected of Little Slaney close  
to road at 6 to 7.30 pm. = "Glen of Anaal: 5"

[Coan. S.]

28.6.31 cont. Glen of Anaal & Lug cont.

*Bombus agrorum* only 1 ♀, seen at 3, all day.

*B. lucorum* 1 ♀ reported by George from 3, 1 ♀ seen  
near 2 in evening on Snowberry flower in hedge.

*Andrena albicans* 1 ♀ on willow catkins seen by Palmer

*A. fucata* ♀♀ at 3 & 5. *A. fucata* var. <sup>with almost dark</sup> ~~kind~~ <sup>kind</sup> ~~tail~~ <sup>tail</sup> at 2.

*A. subopaca* ♀♀ common at 3 & 5.

*A. cineraria* ♂♂ & ♀♀ in colony at 5.

*Halictus calcator* abundant at 3 & 5. *H. altipes* ♀ at 3.

*Nomada lapida* very red & fresh ♀♀ at 5.

*N. fabriciana* fresh ♀♀ at 3 & 5 near pond but no  
sign of a possible nest! *N. flaviventris* ♂♂ & ♀♀ at 3 & 5.

*Odynerus pictus* 1 ♂ at 5.

*Tenthredella atra* ♀ at 3.

*Rhyogaster viridis* ♂♂ & ♀♀ very common at 3.

*Dolerus aeneus* 1 ♀ at 5.

*Tenthredopsis* ♂♂ at 3.

*Selandria rufa* ♀ at 2. *Tom. luteiventris* ♀♀ at 2 & 3.

*Strombocerus delicatulus* ♂ seen at 5.



28.6.31 cont. - Glen of Linnal & Lug. cont.

*Pimpla* <sup>dark femora & hind tibiae</sup> ♀ at 3.

*Glypta elongator* & *ceratitor* ♂♂ at 2.

" *similis* ♂♂ & ♀ at Salix at 3.

*Homocidus* *benignus*? ♂♂ at Salix *aurea* at 2 below <sup>on left bank</sup> *recessus*.

*Acrodactyla* *degener* ♀ on bramble (near bridge) in *Marginalia* Glen = 1.

*Tryphon* <sup>sp. 16th July</sup> = *Thur* *Ergaster* *parvulus* *sp. 16th*

Large *Tryphon* *sp. 16th July*

Small *Tryphon* *sp. 16th July*

♀ *Tryphon* *sp. 16th July*

*Tryphon* *sp. 16th July*

*Chalcid* at 3.

Red *Chalcid* ♂♂ & ♀ at 2.

*Zestropus* *infernus* ♂♂ at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

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*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

1st July 1931. A fine afternoon with good sun till 4 pm but then quite dull.

2.30 till 4 pm. field just N. of Glen of the Dorn (in front of below hotel!) G.W. = 1. There a fine stump of tree, long seen but not before examined.

4 till 5.30 pm. Stumps & fields at foot of Glen of the Dorn on Delgany - Kilpedar road, W.I. = 2.

*Bombus agrorum* several ♀♀ seen. *B. lucorum* ♀ seen.

*Halieta* several ♀♀ seen, like *albipes*.

*Prenatala pallipes* ♂♂ & ♀♀. } Both abundant at the

*Trypoxylon clavicornis* ♂♂. } big stump at 1.

*Odynerus nigrator* ♂♂ & ♀♀ with last seen before 2.4

in the stump. *O. ~~pallipes~~ <sup>parietinus</sup>* ♂ at 1.

*Pemphredon shuckardi* 1 at 2.

*Bethylus pascicornis* 1 on birch tree (with borings) at 2.

*Crabro divinator* ♂ & *Gorytes mystaceus* ♀ near 1. <sup>Ind. labelled "2".</sup>

*Tenthredella lunda* ♂ at 1.

*Selandria stramineipes* ♀ at 1. V.R.C.B.

*Glypta praeceptor* ♂ at 1. *Chorinae*

*Trichites* at 2.

*Perilissus apicatus* ♂ at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

*Chalcid* at 2.

[On evening of 2nd July Palmer & I brought home more forest stumps from *Conifer* *Glen* & from these emerged *Thalioa areolaris* ♂ on 7.7.31 & *Spilthys* ♂ on 7.7.31; & later in Sept. 31 several ♀♀ of the *Proctos* *Disogmus areolaris* Hal.]







9th July 1931. George's 12th birthday! A fine day, warm & calm, but little real sun, though clouds thin. Afternoon!

4 till 6.15 pm. Upper part of Devil's Glen, Co. WI.

*Bombus lucorum* a few ♀♀. *B. agrorum* a few ♀♀ & ♂♂.

*Halictus tumulorum* 1 ♀ seen.

*Crabro varius* 1 ♀ (more like *palmeri* than *vari*).

*Attilia lyeana* ♂ & *A. cordata* ♂ in marsh near road.

*Blennocampa tenuicornis* ♂: possibly swept off *Salix*!

*Tenthredella linida* ♂ & *T. mesomela*.

*Lampronia* ♀ on bramble shoot at zig-zag.

*Glypta elongator* ♂ & ♀♀ (some reddish abd.) swept off rushes & c. in marsh near road.

*Pimpla brevicornis* ♀ (+ ? ♂).

*Homocidus*?

*Stenobothrus*?

*Aspilota* ♂ in glen

*Mesochorus* swept off rushes & c.

*Helorus* ♂

*Diptera*: 2 ♂♂

13. Many ichs swept off rushes, *Salix* ♂: along ditch not far below main road at top of glen.

Also many *Brachinids* & a few *Lichs* taken in motor on out & return journey: these dated & labelled "In motor, WI 1931".

*Sigalphus pallidipes* 1 ♂, 3 ♀♀

9.7.31 cont. *Brachinids* 1 taken in motor, WI or DU?

[see also 10.7.31, 11.7.31, 12.7.31, 13.7.31, 14.7.31, 15.7.31, 16.7.31, 17.7.31, 18.7.31, 19.7.31, 20.7.31, 21.7.31, 22.7.31, 23.7.31, 24.7.31, 25.7.31, 26.7.31, 27.7.31, 28.7.31, 29.7.31, 30.7.31, 31.7.31]

12th July 1931. A fine day (with falling glass!), mainly cloudy after 2 pm., hot, after a very wet night. With Palmer Rathfriland, Co. WI. Vale below station to Annadale footbridge on right bank of river, returning by left bank. Unless otherwise stated all taken near station between

11 AM & 12-30 noon.

11.0 AM till 3.0 pm.

*Bombus lucorum* ♀♀. *B. hortorum* ♀♀. *B. pratorum* 1 ♀.

*B. lapidarius* 1 ♀. *B. agrorum* ♀♀ & ♀♀ seen. All v. rare!

*Andrena fucata* some ♀♀ seen. *A. subopaca* ♀♀. *A. coarctata* ♂♂

*Halictus leucopus* & ? *villorum* or *nitidus* ♀♀ seen; v. rare!

*Nomada ruficornis* ♀ seen. *N. flavipennis* ♀♀ frequent.

*Compilus spinus* ♂ near station & ♀ at Annadale footbridge at return to river.

*P. ruficornis* ♂♂ & ♀♀ seen. | *Myiarchus villosus* ♂ at Annadale bridge.

*Gryllus agrarius* ♀♀. *Agrotis* ♂♂

*Odynerus* 3. *pusillus* ♂ & ♀ near station.

*Crabro varius*, *vagus*, *clivellus*, ♂ & ♂ (*canipum* or *chrysotomus*?)

[No *C. aphidum* taken, but possibly one seen at top of cliff outside tunnel near station, where Goat Willow on which it was previously taken has been carried away by a land-slide into river.]



30

12.7.31 cont. Rathdrum cont.

*Homocidus fuscipennis* ♂ at Annadale, post bridge.*Atalia* & *Stenomacrus delicatulus* & *St. lineatus* ♀ seen.*Pimpla oculatorica* 1 ♀. *P. elegans* 1 large ♀.*Lissonota variabilis* ♀ at gate post of Annadale bridge.*Barichneumon* ♂.*Automalus alboguttatus* ♂12.7.31 cont. 3.15 till 5 pm. Both banks of river above  
Castle Howard bridge, Meeting of the Waters, Co. WI.

Very little seen!

*Andrena humilis*: possibly 1 ♀ seen by Palmer at meeting site  
but no ♂♂.*A. cristata* ♂♂ common, 1 ♀ on railway at junction.*Sphindus pectoratorius* ♂ at *A. humilis* colony.*Hylaeus minutus* ♀ on junction on railway.

Very few insects out &amp; no ticks seen!

31

12.7.31 cont. Some Braconids & Proctos taken  
in car on outward & return journey, mostly  
in Co. WI.*Mesochorus*♂ taken S. of Ashford, near Ballyshannon  
cont.16th July 1931. (What was the first day of the summer? ... evening  
Hemiteles ...  
Pimpla ...  
Pteronidea ruficornis ♂ & ♀ & ♂.

16th July 1931. Aft. stormy &amp; dull!

Drove George &amp; Hugh to Talley Hill, Sl.

*Vespa austriaca* ♀ at 100 ft.Small black ich taken in car. = *Attractodes lineator*?

Summer Holiday 1931.

17th July 1931. A wet - warm day: no sun.

Left Dublin at 11 AM. & drove to Rosmallick  
Co. LI. Here lunched in car. Then on to  
to Portloman, DO. Here called on Rev. W.F. Johnson  
& on to Kilkenny.*Aphidius* ♂ taken in car at Rosmallick

but no other hymenoptera seen.

Aphidius ...  
and 7/11/31.



18th July 1931. A warm sunny day, with  
sun out, in aft. & then rain.

Morning 10 till 1 pm. Coast & near Larkme,  
Milkeel, Co. Down. No sun: shower.

*Bombus lucorum* 1♀.

*B. agrorum* 1♀, 2 or 3♀♀.

*Myrmica ruginodis* & *Formica fusca* ♀♀.

*Athalia lugens* ♂ + ♀. & *A. lineolata* 2♀♀.

*Tenthredo* ~~gracilis~~

*Pachyprotus*.

*Glypta biornis* v. *rostrata* ♂♂ + ♀.

Afternoon 3 till 4 pm. Some hot sun, windy.

Granfield, near Greencastle, Co. DO.

*Odynerus trimarginatus* ♂♂ + ♀♀.

*Tenthredo*

*Pachyprotus rapae* ♀

*Linnaea* ~~cyathulipes~~ ♂♂

*Banchus volutatorius* ♂. *Ectaster illucor*

*Ichneumon* ♂. *I.* ... ♀♀.

*Attractodes*

18.7.31 afternoon, cont. Granfield, DO. cont.

19th July 1931. A promising day spoiled by heavy  
showers & S.W. wind in morning.

Morning 10 till 1 pm. Coast N. of river mouth  
Milkeel, Co. Down.

*Bombus lucorum* ♀ seen.

*Andrena coitana* ♀♀ in pasture.

*A. dentilata* 1 ♂ swept (?? *Hypocheris*)

*Habitus rubicundus* 2 ♀♀ seen.

*Glypta* ~~pinetis~~ ♂♂ on Wild Carrot below cliffs.

*Pompilus pithus* 1 ♀ on Wild Carrot. *Odynerus trimarginatus* ♂.

*Pteronidea myosoides* 1 ♂ swept: "sport," see R.C.H. 13 letter of 6.4.32.

*Tenthredo* ~~gracilis~~. More common than on previous day.

*Ichneumon scutellatorius* ♀♀ on Wild Carrot, +:

*Ichneumon* ~~scutellatorius~~ ♂♂ + ♀♀.

*Pimpla turinellus* ♀. *Pychnocentrus peripallens* ♀. *Glypta* ~~reducta~~ ♀.

*Banchus* ~~volutatorius~~ ♂. *Hemiteles* ~~nigritarsis~~ ? ♂.

Thyridid, small sp. ♀: ? same as taken here on 23.7.31 & in N.V. 14 25.7.31 [apt.]

*Alysia menducator* ♀ on Wild Carrot.

*Bracon* ♀.



19th July 1931 cont.

Afternoon. Roadsides, 0° inland (N.W.) of Kilkeel, DO.

*Bombus lucorum* ♀♀ + ♂♂ very rare. *B. agrorum* 1♀.

*Andrena denticulata* 1♂ on *Leontodon* near bridge on road N. of K.

*A. saundersella* a fresh ♀ in old sand pit at same place.

*Halictus villosulus*, a very large ♂ at same place in *Geranium*.

*Allantus calceatus*? 1♂ on *Salix* inland.

*Alomyia debellator* roadsides.

*Crabro dimidiatus* 1♂ on *Salix* inland.

*Ametastigia equestris* ♂. ✓ R.C.L.B.

*Pimpla maculata* ♀ with pale stigma.

*Phaenocarpa bicolor* 1♀ (? Here taken!): agree with specimen in Haliday Coll. named by Morley! A.W.S. 10.11.31.

20th July 1931. A fine day spoiled by clouds & keen N. wind! Very little sun!!

Morning 10.30 till 1 pm. Coast N. of Kilkeel Harbour, DO.

*Bombus lucorum* ♀♀ + 1♂. *B. lapidarius* 1♀. *B. hortorum* 1♀.

*B. muscorum* several ♀♀ on *Thyme*, 0°. *B. agrorum* ♀♀.

*Andrena gurganensis* 1♂, 2♂ brood. *A. denticulata* 1♂ on *Hypochaeris*.

*Halictus villosulus* 1♀. *Hyaleus minutus* ♂♂.

*Pompilus pithus* 1 fresh ♀. *Myrmica ruginodis* ♂♂ + ♀♀, (in large ♀♀). *M. scabrinodis* ♀♀.

20.7.31 cont. Coast N. of Kilkeel cont.

*Pemphredon lethifer* several on *Geranium* crevices.

[? *Tachysphex pectinipes* seen]

*Atthalia* + *Tenthredo* seen.

*Cryptus viduatus* ♂♀ common. *Pycnocryptus peregrinator*? ♀♀.

20.7.31 Afternoon. mostly dull & cold, but several short sun-bursts.

Drove to gap on Hilltown road, turned & came back to pine clad hill N. of Yellow Water ca. 900 ft. alt. Here collected numerous ichs & by sweeping bracken & other vegetation at about 750 ft alt. These labelled "Pine Hill, Mourne, Co. DO."

Then drove down old road W. side of Mourne Park & collected in valley of tributary on W. side of White Water near Tullyframe. Here took many ichs by sweeping rushes, &c. in valley & then labelled "Tullyframe, Mourne, Co. DO."

P.T.O.







22 July 1931. Another dull warm day with falling barometer & rain in aft. & evening. Morning 10-30 till 1 pm. Very windy, no sun!

~~Bombus muscorum~~ 2 seen

Coast N. of Kilkeel Harbour as before, DO.

Bombus muscorum 1 ♀ seen.

Andrena coitana 2 ♀♀ seen.

Pemphredon lethiger 1 ♂ on bramble.

Myrmica scabriceps, ♀

Alomyia debellator 1 red ♂ seen on Heracleum.

Melanichneumon rufinator ♀ seen on bramble

Glypta ceratites ♂.

Small species (Braconids, Proctotrypids etc.) swept along cliff path; including 1 ♀ Pesomachus.

22.7.31 cont. In aft. drove up to Silent Valley & saw over new Belfast Water works.

23 July 1931. A fine day, but not much sun in morning & windy, SW all day!

Morning: 11.30 till 1.15 pm.

Coast N. of Kilkeel Harbour as before, DO.

Bombus muscorum ♀ & ♀♀ seen. B. agrorum 1 ♀.

Megachile (? versicolor) ♂ seen resting on boulder in bank below cottage for one instant.

Halictus rubicundus 2 ♀♀ seen. H. villosulus 1 large ♂. ~~collected~~ ♀.

H. leucopus 1 ♀ on Thymus.

Hyalaeus minutus ♂ & ♀♀ on Geranium & Carrot.

Pemphredon lethiger ♂

Odynerus trimarginatus on heather - bank by road to track.

Chrysis ignita.

Achyroea pectinipes below cottage on sea bank.

Pompilus gittus ♀♀.

Salix caudatus large ♀ on carrot near Larkspur footbridge.

Sasus rufus ~~medicus~~? 1 ♂ kept.

Terthia ~~caudatus~~ ♂ & ♀ 2 kept.

Ichneumon sp. 2000. I of? smaller ♂. I of? ♀.

Pygostolus pinguiculus ♂. Anthus, etc.

Torymid ~~caudatus~~ ♂ taken here on 19.7.31 (also 2 seen as taken at Ballyaddy, AN, on 25.7.31 (aft.))

Homocidus ~~caudatus~~ ♂.



23.7.31 cont.

Afternoon 2.30 till 4.30. Windy, some poor run.

Cranfield Bay, Greenesth, Co. Do.

Bombus distinguendus several ♂♂ in Raffan  
maritimus at N. end of bay. B. muscorum 1 ♀ seen.

Andrena repens L. a var. ♀ on Matricaria inodora.

Halictus rubicundus ♀.

Odynerus trimarginatus ♀.

Pompilus gilvus ♀ on carrot.

Pachyramphus ruber <sup>✓ PCHP</sup> ♀ swept off mined herbage at S. end of bog in bog field.  
Tenthredo ♂ & ♀ in cop.

Tenthredo ♂ & ♀ in cop.

Limonite bellator first ♀ I have seen! - Has about 20 eggs - very.

Banckia rotatorius ♂ in Geranium.

*Schnecken gradarius?* ♂. I. ♂. ♂. I. ♂. 195

Amblytele negatorum, 107 in wild carrot in middle of bag.

*Protola, albicollis* ?? G.

*Crypt. vidua tenuis, G.*

[After tea took 2 <sup>Hymenoptera</sup> ~~chironomids~~ at thicket near harbor  
 footbridge, Kelkeel DO. = { *Proctotrupes grandis* 1 ♀  
*Latellia* "23.7.31. Ev." } *Glypta bipunctata* ♂.

25

二五

<sup>25</sup>  
~~27~~<sup>th</sup> July 1931. A fine day, but little sun in aft.

Morning 11-30 til 12-30, warm & sunny!

Edge of waddy road on S. side of Ballygalley Hd.  
("Cairndhu" Co. A.V.

*Bombus agrorum* & *lucorum* ♀♀.

*Verpa vulgaris* ♂ ♂ + 2 nests seen.

Crabro dimidiatus, ♂♂ common.

24th Feb 1931

24 May 1951  
Left Wilkes &

25.7.31 cont. on p. 42

24<sup>th</sup> July 1931. A wet dull day, warm.

Left Kilkeel & drove via Sallymaglinch & Belfast  
to Larne Harbour: stopped near Magheramorne, AN  
about 4 pm. & caught a few icks along road & in disused  
quarries. Also saw here Bombus lucorum ♂♂ & ♀♀,

B. hortorum ♂♂ & B. agrorum ♀♀. Vespa vulgaris ♀♀

October 1905



28th July 1931 cont.

Afternoon: warm &amp; some good sun bursts.

Ballygalley Head (n<sup>th</sup> slopes, along chalk scarp & roadside; marshy fields & hedges etc., C. AN.*Bombus lucorum* & *agrorum* ♀♀.*Perithous distinctus* 1 ♀ (worn!) seen.*Pemphredon lithica* ♂♂ & ♀, also 2 nests in bramble along roadside ditch. [*Perithous* <sup>distinctus</sup> ~~medicatus~~ ♂ taken at same place, ♀♀ along hedges inland!]*Tenthredo "arvensis"* abundant.*Tenthredopsis* <sup>divinator</sup> ~~divinator~~*Perithous* ~~medicatus~~? ♂ & ♀♀, ? unrec. with *Pemphredon lithica*

Many ich. taken along hedges &amp; on the grassy slopes.

Chalk scarp; a few shifts of rocks etc. in cladding to Rhag. etc. *Promethes laticarpus* ♂

Tryphonid ? same as taken at Killybeg, 20 in 1922 &amp; 23.

Plectiscid: *Microgaster agilis* <sup>Hymenoptera</sup> ~~agilis~~ <sup>10?</sup> ~~agilis~~ <sup>10?</sup>*Linonota curatanda* ♂ ? (fresh!). *Glypta nigricans* 2 ♂♂.

[Phygadeuonid ♀ &amp; Braconid ♀ taken in notes at Larne on 28th afternoon!] 29.7.31.

26th July 1931. A fine day, but not much sun!

Before breakfast - took ♂ & ♀ *Linonota cylindrica* on carrot near ~~Red Bay~~ Ederfleet Castle, Curran, Larne <sup>Harb.</sup> AN.Drove to Glensarm where collected on old quarry at N. of town on coast road (=1), then to Glendun viaduct where collected in scrub, etc. at N. end of same (=2). then down valley to old road along side of <sup>labeled "Glendun Vi."</sup> Wood, where

collected in wood &amp; along road (=3), then back to Red Bay, where on sandhills took 3 ich on carrot (=4); then home to Larne, C. AN.

*Bombus lapidarius* ♀ & ♀♀ at 1. *B. lucorum* ~~agrorum~~ ♀♀.*Andrena saundersella* ♀♀ on carrot & cor parniss at 1.*A. coitana* ♀♀ on bramble & cor parniss at 2.*Halictus freygessneri*? at 2. *Odynerus pictus* ♀♀ at 1.*Crabro dimidiatus* ♂♂ & ♀♀ abundant at 3, nesting in old mortar of wall along old road.*Tenthredo "arvensis"* abundant - *Tenthredopsis* at 3.*Athalia* ~~lucida~~ at 2 & 3. *Trichosoma* ♀ at 3.*"Nematus" lucidus* <sup>VRCLP.</sup> ♂ at 2 amongst alders in field.*Dolerus amicus* ♀ at alders in field above 2.*Fenusa dohrni* ♀ <sup>VRCLP.</sup> on Alder at 2.*Pachyprotasis rapae* & *anterata* 1 ♀ each on Alder at 3.[*Perithous maculatus* ♀ (almost certainly) seen on carrot at 1.]



26.7.31 cont. Glenarm & Glendun, Co. AN. cont.

Chaenon anceps ♀ in wood at 3.

Man. ich. 1, 2, 3.

Alomyia debellator, red ♀ at 1. Tryphon elongator ♂♂ at 1 &

Glypta elongator ♀ at 2; G.

Miniscus extensor ♀ on head of Goleus ♀.

Glypta ♂, hirs. bellator ♂, extensor, bellator ♀.

Leucospis erichsoni ? ♂ at 2.

27<sup>th</sup> July 1931. A wild day, after a moderate morning:  
very little sun & none after noon: very little out.

Drove via <sup>Cairnmore</sup> Knockdun & Glenarm Valley to Glenarm &  
collected for several hours in old quarry just N. of village,  
as before (see 26.7.31 station No. 1). Left at 2.30 pm & drove  
home via coast, old road to Cairnmore, Sallagh, then  
at Killybegs road to Lorne. Co. AN.

Bombus lapidarius ♀ & ♂♂. B. lucorum ♂♂.

B. hortorum ♂♂ on Stachys neglecta. B. agrorum ♂♂.

Megachile versicolor: a worn or a very flower of Centauria  
nigra.

27.7.31 cont. Glenarm, AN, cont.

Andrena albicans, very worn ♀ on Heracleum.

A. fucata 2 worn ♀ on Heracleum.

A. gurganensis (2 + brood), a ♂ & a ♀ on Heracleum.

A. saundersi ♀♀ on Heracleum.

A. coarctata ♀♀ on Heracleum.

Pygostolus ♂.

Tenthredo a few, ♀ taken.

Athalia cordata ♀.

Glypta ceratites 2 ♂♂, with very robust "Lorn".

G. maculata ♀.

Alomyia debellator ♂ seen.

Homocidus ♂.



46.

28th Jul 1931. Gale, little rain, but strong wind,  
with heavy glass & little in the night.  
None till 4.30 p.m.

Glencruff & Cartman. Glen. & D.  
Almost all collected in Cartman Glen (at least  
of the tourists!) except Schizura.  
Tenthredo "arvensis" etc. etc. and some others.  
Bombus agrorum a few seen (the only ones).  
Andrena fucata a very few in Agrostis etc.  
Tenthredinids and G. etc.  
Tenthredella atra ♀ in Glen.  
Psithyrus rapax ♀ in Glen.  
and Chamaea like Psithyrus. etc.  
Cratichneumon rufifrons R. & G. in Glen!  
Tryphonid & several smaller Ichneumonids.

Larvae of Stenobothrus? on Hazel & Elm. 11 Sept 1882.

29th July 1931. A wet morning & no clearance till about 2-30 pm. Then fine & very hot till terrific thunder shower at 4 pm put an end of collecting, ~~from~~ 3.0 till 4.0 pm.  
Barlough Glen, Co. Antrim.

29.7.31 cont. Burntong Glen, AN.

Obtained very good ground if only weather good!  
*Bombus agrorum* ♂♂. *B. jonellus* 1 ♂ seen.  
*Vespa sylvestris* ♂♂ on *Scrophularia*.  
*Hylaeus confusus* 1 ♀ on bramble leaf.  
*Odynerus pictus* ♂ seen & nest of Smith chalcid on  
black basaltic boulder discovered by M.S.S.  
*Pompilus nigerrimus* ♀ in quarry top.  
One or two ♂ *Ichneumon* spp. taken on river bank  
behind town; rest of ichneumonidae taken in place by  
thunder came.

Tenthrus ♂ & ♀ in cop. taken.  
Athalia cordata ♂.  
Strombosus delicatulus ♀.  
 Larva of Strombosus on Solidago serotina (this larva).

29. 7. 31. On returning from the  
taken in car. The call was  
back of label "In m. 11. 11. 11"  
take 100 yd. taken on 11. 11. 11  
Barnard.



30th July 1931. A stormy day, dull in morning but with a few sun bursts & showers in aft. Drove to Bushendun & collected along west side of moraine. There river has cut a face in it (c 1) (here much good ground along deserted oxbow from then (1 pm) drove up to midwest. Here took 3icks & down left side of valley to old wood (a type); here collected from 2.0 pm till 4.30 but no sun till 4 pm. Wood = 2. Glendun, Co. AN.

*Bombus agrorum* ♀♀ at 1. *B. hortorum* ♀ at 1.

[That looked like a ♂ *Pithyrus distinctus* seen at 2]

*Andrena subopaca* ♀ in wood at 2. *A. coitana* {at midwest. *A. fucata* ♀ } in beneath cross.

*Homada* seen at 2, in wood, ? species.

*Mellinus arvensis* ♂♂ & ♀♀ abundant - at 1.

*Crabro* [*dimidiatus*, *Truphon*] ♀♀ resting in wall in Bushendun village & carrying this home; one seen with fly under left hind oter, but George saw one with fly under right oter.

*Tenthredo* ♀ at 1.

*Pachyprotoris antennata* ♀ on birch at 2.

*Atalia* seen at 2.

*Pteronidea* "n. sp. Irish" (See R.P.L.P. in Ltt. of 6.4.32!) at *Salix cinerea* in wood at 2.   
 = *funeraria* Benson (v. R.B.B. 1934).   
 with strong tears!

30.7.31 cont. Glendun, AN, cont.

*Pimpla turinellae* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.

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*Pimpla* ♂♂ at 2.

*Pimpla* ♂♂ at 2.



31.7.31 cont. The Gueses

*Ichneumon stramonii* 7 ♂♂

*I. variator* ♂

*Alomyia debellata* ♂

*Atractodes* ♂

*Homocidus* ♂

31.7.31, afternoon. Left home at 2.45

& drove to Donaghadee, Co. Do.

Stopped at Whitehead, Co. AN, & settled  
of small ices & in car.

*Limonia crataegae* ♀

Aphidius ♂

Chalcid ♂

11 August 1931. A perfect day, after a 14/8

... ..

... ..

at Herd ... ..

... ..

... ..

B. ... ..

... ..

[On other, ... ..]

Pompilid ... ..

... ..

Alt. ... ..

Pimpla ... ..

G. ... ..

G. ... ..

... ..

... ..

*Eucampa foveola* 1 ♀ (AWS. & Nixon).



1<sup>st</sup> August 1931, afternoon.

Drive via Carrigrohane, Geyzelles, to Rathfriland,  
Ballyshelton. Some collections in early afternoon.  
Buniel Island, Co. DO.

At roadside bank at Carrigrohane, Co. DO.  
*Halictus rubicundus* ♀♀ & ♂♂. *H. leucopus* ♂.

At Geyzelles, some one ♂ *Odynerus* sp.?

At Ballyshelton some one ♂.

*Bombus lucorum*, *agrorum*, *muscorum*, *terrestris*  
& *lapidarius* ♂♀.

*Tenthredo "areolata"* ♂.

*Glypta elongata* black ♂ & ♀.

*G. bicolor* v. *ventralis* black ♂ with black line on thorax & black of  
abdomen & another *Glypta* ♂.

Small *Campoplegid*.

"Ichneumon" ? 2 ♂♂.

1<sup>st</sup> August 1931. Another perfect day!

August 11:30 to 1:45 p.m.

Old quarry, on S. side of Scarab Hill,

Newtown, Co. DO. All morning!

*Bombus lucorum*, *agrorum*, *muscorum*, *terrestris* ♂♀.

*Vespa vulgaris* ♂ & ♀.

*Andrena dorsalis* ♂ & ♀.

*Halictus* ♂ & ♀.

*Stenobothrus nigricornis* ♂.

*Stenobothrus nigricornis*, ♂ & ♀, with ♂ & ♀.

*Stenobothrus nigricornis* ♂ & ♀, with ♂ & ♀.

*Chrysis debilis*, one small ♂ & ♀.

*Stenobothrus nigricornis* ♂ & ♀, with ♂ & ♀.

*Stenobothrus nigricornis* ♂ & ♀, with ♂ & ♀.

*Bombus lucorum*, ♂ & ♀, with ♂ & ♀.



2.8.31 cont. Afternoon : 2.00 - 4.00  
Garden at Boondara. *Phalaena* 1  
*Bombus agrorum* 1  
*Verpa namayica* 1  
*Crabro varius* 1  
all taken at Boondara

*Adynasus parietis* ? ♂

all taken at Goundara  
labelled { D'dee  
Co. Do. AWS.  
2.8.31 }

Barichneumon 3800.

Chromola.  $\frac{1}{2}$  inch 3000 at front.

*Pimpla tenuellae* Grav. (1st species of *subulata*)

*Leptophyes*. several sp.

*Agave americana* 100.

3rd August 1931. Another perfect day, but E. wind strong at times.  
Drove to Rathmullan, 1 mile E of Ballyvaughan, Dundrum Bay, Co. DO & spent the day collecting in dunes, then took a walk of Strappadough, at foot of S. of Glencolumbkille, near Quire Bridge, Doherty Park, where collected for an hour before returning home.

gelb. 88

...the first of them...

*Sachynon-ata, ciliellata, ♀ v. n. 26?*

14. *ovata* L.

1930 and 1931

\_\_\_\_\_







4.8.31 cont. Jungle garden at home

5.0 - 6.0 pm

Labelled <sup>B.H.</sup> 6.33 31  
" 8 31

*Homocidus* <sup>1</sup> + 1 small ♀

*H. p.* 4 - 1 small very small.

*H. sp.* 1 - <sup>Bassus</sup> 15

2 *Camptoplegid*,

1 *Chorebus* sp.

5th August 1931. The day was

Old quarries & hedges near Soldiers' Home.

Bombus spp. - 1 queen, 1 ♂, 1 ♀

*Andrena* *pygmaea* 198 3 ♂♂

No other aculeates seen! *Allantus* *cinctus* ♂ <sup>with fresh new-  
-ation - at. vig!  
RCI 1. 1. 64. 32.</sup>

*Homocidus* <sup>signatus</sup> ♂ at Sycamore tree: <sup>20. 10.</sup> *H. sp.*

*Glypta* *cratichneumon* 3 ♂♂?

*Camptoplegid* minor sp.

*Schismenus* sp. ♂.

Specimen coll. on 5/8/31. *Homocidus* ♂ (1st) found at home. *Homocidus* ♂ (2nd) found at home. *Homocidus* ♂ (3rd) found at home. *Homocidus* ♂ (4th) found at home. *Homocidus* ♂ (5th) found at home. *Homocidus* ♂ (6th) found at home. *Homocidus* ♂ (7th) found at home. *Homocidus* ♂ (8th) found at home. *Homocidus* ♂ (9th) found at home. *Homocidus* ♂ (10th) found at home. *Homocidus* ♂ (11th) found at home. *Homocidus* ♂ (12th) found at home. *Homocidus* ♂ (13th) found at home. *Homocidus* ♂ (14th) found at home. *Homocidus* ♂ (15th) found at home. *Homocidus* ♂ (16th) found at home. *Homocidus* ♂ (17th) found at home. *Homocidus* ♂ (18th) found at home. *Homocidus* ♂ (19th) found at home. *Homocidus* ♂ (20th) found at home. *Homocidus* ♂ (21st) found at home. *Homocidus* ♂ (22nd) found at home. *Homocidus* ♂ (23rd) found at home. *Homocidus* ♂ (24th) found at home. *Homocidus* ♂ (25th) found at home. *Homocidus* ♂ (26th) found at home. *Homocidus* ♂ (27th) found at home. *Homocidus* ♂ (28th) found at home. *Homocidus* ♂ (29th) found at home. *Homocidus* ♂ (30th) found at home. *Homocidus* ♂ (31st) found at home. *Homocidus* ♂ (32nd) found at home. *Homocidus* ♂ (33rd) found at home. *Homocidus* ♂ (34th) found at home. *Homocidus* ♂ (35th) found at home. *Homocidus* ♂ (36th) found at home. *Homocidus* ♂ (37th) found at home. *Homocidus* ♂ (38th) found at home. *Homocidus* ♂ (39th) found at home. *Homocidus* ♂ (40th) found at home. *Homocidus* ♂ (41st) found at home. *Homocidus* ♂ (42nd) found at home. *Homocidus* ♂ (43rd) found at home. *Homocidus* ♂ (44th) found at home. *Homocidus* ♂ (45th) found at home. *Homocidus* ♂ (46th) found at home. *Homocidus* ♂ (47th) found at home. *Homocidus* ♂ (48th) found at home. *Homocidus* ♂ (49th) found at home. *Homocidus* ♂ (50th) found at home. *Homocidus* ♂ (51st) found at home. *Homocidus* ♂ (52nd) found at home. *Homocidus* ♂ (53rd) found at home. *Homocidus* ♂ (54th) found at home. *Homocidus* ♂ (55th) found at home. *Homocidus* ♂ (56th) found at home. *Homocidus* ♂ (57th) found at home. *Homocidus* ♂ (58th) found at home. *Homocidus* ♂ (59th) found at home. *Homocidus* ♂ (60th) found at home. *Homocidus* ♂ (61st) found at home. *Homocidus* ♂ (62nd) found at home. *Homocidus* ♂ (63rd) found at home. *Homocidus* ♂ (64th) found at home. *Homocidus* ♂ (65th) found at home. *Homocidus* ♂ (66th) found at home. *Homocidus* ♂ (67th) found at home. *Homocidus* ♂ (68th) found at home. *Homocidus* ♂ (69th) found at home. *Homocidus* ♂ (70th) found at home. *Homocidus* ♂ (71st) found at home. *Homocidus* ♂ (72nd) found at home. *Homocidus* ♂ (73rd) found at home. *Homocidus* ♂ (74th) found at home. *Homocidus* ♂ (75th) found at home. *Homocidus* ♂ (76th) found at home. *Homocidus* ♂ (77th) found at home. *Homocidus* ♂ (78th) found at home. *Homocidus* ♂ (79th) found at home. *Homocidus* ♂ (80th) found at home. *Homocidus* ♂ (81st) found at home. *Homocidus* ♂ (82nd) found at home. *Homocidus* ♂ (83rd) found at home. *Homocidus* ♂ (84th) found at home. *Homocidus* ♂ (85th) found at home. *Homocidus* ♂ (86th) found at home. *Homocidus* ♂ (87th) found at home. *Homocidus* ♂ (88th) found at home. *Homocidus* ♂ (89th) found at home. *Homocidus* ♂ (90th) found at home. *Homocidus* ♂ (91st) found at home. *Homocidus* ♂ (92nd) found at home. *Homocidus* ♂ (93rd) found at home. *Homocidus* ♂ (94th) found at home. *Homocidus* ♂ (95th) found at home. *Homocidus* ♂ (96th) found at home. *Homocidus* ♂ (97th) found at home. *Homocidus* ♂ (98th) found at home. *Homocidus* ♂ (99th) found at home. *Homocidus* ♂ (100th) found at home.

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

*Proctos* *padi* ♂ var. *SR.C.H.P.*

P.T.G.



6.8.31 cont.

Stopped for tea at foot of Carrisdale, L.H.,  
 where saw plenty of *Mellinus arvensis*, *Bombus lucorum*  
 & *B. agrorum*; also 1 *Brachymeria* on cat but  
 ? species. Also one seen.

### END OF NORTHERN HOLIDAY 1931

9<sup>th</sup> August 1931. A fine day, but not much sun till  
 after 12 noon; cool N. breeze; after a very wet-day  
 & cool night.

<sup>= Blythleaze</sup> Blythleaze Glen, near Althorn, Co. WI. 11 AM till 5.30 PM.

Erept - a few ichs & *Prithyrus barbatellus* ♂ & black  
 sawfly, which were taken below road & near R. Liffey, all  
 taken in the glen or along old road up glen & within  
 1/4 mile of the bridge.

*Bombus lucorum* a few ♀♀, *B. hortorum* 1 ♂ in Foxglove.

*B. agrorum* ♀♀ abundant.

*Prithyrus barbatellus* 1 ♂

*Andrena fusipes* ♂♂, some worn, some fresh, & 2 ♀♀ just out, on  
 slope below old road.

*A. isitana* ♀♀. *A. tarsata* 1 ♀

9.8.31 cont. - Blythleaze Glen, WI cont.

*Habitus tumulorum* ♀♀ along old road.

*Nomada ruficornis* 1 worn ♀.

*N. flavipunctata* 1 worn ♀. *N. obtusifrons* ♀♀ common.

*Mellinus arvensis* ♂♂ & ♀♀ everywhere.

*Gorytes mystaceus* 1 worn ♀ on old road.

*Crabro varius* common - seen & nesting in roadside &!

*Compilus nigriventris* ♀ nesting in stump on left side of stream.

*Salix exaltatus* ♂♂ & ♀♀ common.

*Tenthredo arenaria* & *Athalia* sp. seen.

*Pachymeris padi* ♂. ✓ RCLB.

*Ichneumon*

*I. deliratorius* ♂. (1 ♂ taken below road.)

Black Cryptid (= *Plectrocyptus tarsatus* Bridg. (Roman No. 143: sup. 99-7)) with  
 "white socks" on ♂♂ abundant in glen and 1 ♂ taken in Angelica below  
 road. The ♂♂ fly like an *Anomalid* with hind legs dangling!

*Limonia bellator* ♂♂ usually on grassy knoll.

*L. cylindricornis* 1 ♀. *L.*

*Phytodietus*

*Pimpla quadridentata* 1 large & 1 very small ♂.



9.8.31 cont. Bloxley, G. 51 cont.

Lamproloma

Dyspiter praeator ♂♂.

Barnus trilineatus ♀ on oak.

Attractodes tenebrius ♂

Tryphon elongator common.

Triclistus

Leptopygus laevis 10.

13th August 1931. A warm dull day with low & falling glass before deep depression! Sun nearly out.

Drove to Glen of the Gervon, 51 & stopped to look at big stump below hotel <sup>(=1)</sup> here saw Tryphon elongator ♂ & Barnus trilineatus ♀♀, also small ♀ Braconid. Took several small spp. of ich in water. Then drove to Newcastle where took a few ich in marsh = 2. Owing to trouble with clutch of water had to leave for Greytown soon after arrival at Newcastle.

13.8.31. At Greytown took 2 ich in water & 1 ♀ Hemiteles ? in railway carriage (= 3).

Bombus lucorum (♂ ? on terrestris ♀ at 2), B. hortorum at 2.

B. agrorum, B. muscorum, B. lapidarius ♂♂ at 2.

B. distinguendus 1 fresh ♀ flew into car as we left 2.

Prithyrus distinctus very fresh ♂ at 2.

Parasitocentrus monilicornis ♀♀ at 1.

Tryphon elongator ♂♂ at 1.

Rachynematus diaphanus <sup>SRCP.</sup> 1 ♂ swept at 2.

Oedemotopis scabris ♂ in water at 3.

Ichneumon ♂ at 2.

16th August 1931. A bad day, very warm, mostly wet, stormy & only a few glimpses of sun: middle of a very big depression.

By 9.30 train to Greytown & met Palmer at 11 AM at Barry's Bridge (Glen of the Gervon) G. 51.

Spent day in the old Bellin estate, where Palmer



16/8/31 cont. Belleme, Delgany, Co. WI. cont.

discovered much likely ground & some interesting  
aculatus during the bad weather of July.

Bombus lucorum, terrestris 1♂ certainly, B. muscorum ♂♂.

B. agrorum ♀♀.

Pentagmus distinctus ♂? (Palmer).

Vespa sylvestris & vulgaris ♀♀.

Odynerus sinuatus ♀ in road.

Salix exaltata large ♀ amongst bracken

Crabro cetratus ♂ at stump on E. side of demesne (Palmer)

Where Palmer reports Trypanoxylon, ♂.

C. leucostomus ♀♀ at same stump.

Halicton rubicundus ♂, H. albipes or calceatus ♂♂  
H.

Alomyia debellata ♂♂.

Leucocnemis ♂.

Pimpla maculator ♂. P. turinellae ♂. Glypta areolaris 1♀.

Limnobia cf. folii ♀ L. bellator 1♂

Phytodictus sp. ♂♂

Sept. 11, 1931

Taken at Mayfield  
Garden at Belleme  
Co. WI.

Up & morning.

Settled.

in R.P. Chapel

2♂♂,

B. lapidarius ♀♀.



Samples taken in 1932: returned named by 8.  
R. C. L. Perkins, 15 Dec. 1932.

Taken by Miss G. C. Scott.

- Pristiphora geniculata* ♀. "At Mt. Ash, Glencree, WI. 8.6.32. G.C.S.  
*Nematus luteus* ♂ "at Alder" " " " "  
✓ *Empria liturata* var. ♂. Glencree, WI. 3.6.32. "  
✓ " *excisa* Th. ♀. "At-harthon" " " " "  
✓ " *tridens* var. ♀. Bushy Park, Terenure, DU. 3.5.32  
✓ *Pachnema obductus* ♀. Newport-Ho., Donabate, DU. 13.6.32.

Taken by A. W. S.

- ✓ *Pteronidea miliaris* ♀. Larvae on Salix, Ashdown Forest - E. Sussex.  
5.10.31. Em. 36.5.32.  
✓ *Crocus latipes* ? Black larvae on Birch " " "  
♀ em. 16.5.32. ♂ em. 28.7.32.  
✓✓ *Pteronidea oligospila*. L. on Salix, Upper Glensmole, DU. 16.9.31.  
♂ em. 30.5.32. ♀ em. 16.5.32.  
✓✓ *Platycampus lundiventris* ♀. L. on Alder: Kelly's Glen, DU. 18.10.31. Em. 2.6.32.  
✓✓ *Dineura stilata* ♂. Beaten off Hawthorn, Trin, ME. 29.5.32.  
✓✓ *Pteronidea* "n.p." probably. 1 ♂ at Salix, Ballinlough, WH. 29.5.32.  
✓✓ *Empria klugii*, Cyn. ♀. Ballyhenaly, WH. 29.5.32.  
✓✓ *Mesoneura spaca* ♀. On Salix or Alder, Glodiagh R., KK. 16.5.32.  
✓✓ *Pristiphora tener* ♂. Glen of the Dore, WI. 1.6.32.  
✓✓ *Empria tridens* ♀. In motor, Little Bray, WI. 13.5.32.  
✓✓ *Hoplocampa ruficornis* 1 ♂, Nelson's Bridge, WX. 14.5.32.  
✓✓ *Empria pumila* ♂. " " " "  
✓✓ *Pachnema vagans* ♀. Rocky Valley, WI. 1.6.32.  
✓✓ *Dineura testaceipes* ♀. Ballinlough, WH. 29.5.32.  
✓✓ *Lycnema larici* ♂. Devil's Glen, WI. 20.5.32.



Sawflies ret. by R.C.L.P. 15/12/32.

(2.)

Taken by A.W.S. continued

- ✓ ✓ Pachynematus eductus v. conductus ♀. Ballinacorney, WH. 29. 5. 32.
- ✓ ✓ Lypsenematus abietinus ♂. S. of Bushinstown, on Spruce (?), WX. 15. 5. 32.
- ✓ ✓ Pristiphora sp. E. of Ballyanne, WX. 15. 5. 32.
- ✓ ✓ Amauronematus sp. leucostenus Kon. ♀. Nelson's Bridge, WX. 14. 5. 32.
- ✓ ✓ Hyplocampa chrysorrhoea ♀♀, on Blackthorn, E. of Ballyanne, WX. 15. 5. 32.
- ✓ Pontania sp. ? 2 ♂♂, (on Salix ?), E. of Ballyanne, WX. 15. 5. 32.
- "     "     1 ♀, Nelson's Bridge, WX. 14. 5. 32.
- "     "     small ♀. Ashdown Forest (?), Sussex ? Em. 18. 5. 32  
    ( larvae on Salix 5. 10. 31, or on food plants from Bournemouth, Surrey,  
    or Dublin a few days later ! ).



Saunders returned by Dr. Perkins with list & letter  
dated 27/1/1933 & letter dated 31/1/1933.

Miss Scott's collecting.

- \* Monophadnus pallidus ♀. Powerscourt, WI. 1.6.32. Miss Scott.
- \* Pristiphora pallidiventris v. denudata ♀. Near Mountbath, QC. 25.5.32  
Miss Scott.

A.W.S.'s collecting.

- \* Pachynematus ruficollis ♀. Cranfield, Co. DO. 23.7.1931. A.W.S.
- \* Pontania leucospis ♀. Clara, WI. 5.6.32.
- \* P. leucosticta 2 ♂♂. Ballybeg, WI. 5.6.32.
- \* Blennocampa subcana ♂. Liffey Head, WI. 7.6.32.
- \* B. tenuicornis ♂ " " " "
- \* Empria Klugi ♂. Kippure Lodge, WI. 7.6.32.
- \* " " ♀. " " " "
- \* " excisa ♂ " " " "
- \* Selandria furstenburgensis ♀. Slade Brook, DU. 12.6.32, P.M.
- \* Pontania leucosticta ♀. " " " " , P.M.
- \* Pristiphora pallidiventris ♂ " " " " , P.M.
- \* Empria excisa ♂ " " " " . A.M.
- \* ? Empria saliceti ♀ var. " " " " , P.M.
- \* " " " ♂. " " " " , A.M.
- \* Pristiphora quercus ♂. " " " " , A.M.
- \* Hoplocampa utilicornis ♀. Powerscourt Dph. WI. 27.5.32.
- \* Empria immersa ♂ & ♀. Slade Brook, DU. 12.6.32, both, A.M.
- \* Pontania leucosticta, very large ♂. " " " " , A.M.
- \* Pristiphora pallidiventris ♀. Glenmacnas, WI. 17.6.32.



2  
Samples ret. by R.C.L.P. 27/1/33 cont.

- \* Empria klugii ♂. Glenmacnas, WI. 17.6.32.
- \* Euura saliceti, probably! ♀ " " " "
- \* Empria immersa 2♀♀ " " " "
- \* Pachynematus "xanthocarpus group" ♂. " " " "
- \* Pachynematus vagus ♀. " " " "
- \* Euura saliceti, probably! ♂ " " " "
- \* Pontania leucosticta 2♀♀. " " " "
- \* Pachynematus clitellarius ♀. " " " "
- \* Trichiocampus radiatus 1♀. Portlough-Spk., WI. 27.5.32.
- \* Pteronidea poecilomota ♀, var. (sternum partly dark!) " " " " "
- \* Phyllotoma vagans. ♀. Portlough-Spk., WI. 25.5.32.
- \* Empria tridens var. ?? ♀ (see RCLP letter!) " " " "
- \* Pachynematus rumicis ♀. Baginbun, WX. 27.6.32.
- \* Blennocampa tenuicornis ♀. Haggard Bridge, WX. 28.6.32.
- \* Platycampus curvidentris ♀ var. New Bridge (E. of Buncannon), WX. 29.5.32.
- \* Selandria morio 2♂♂ + ♀. Pollmounty, WX. 4.7.32.
- \* Pachynematus obductus ♀. Harold's Cross, DU. 9.7.32.
- \* Pristiophora ruficornis ♂. " " " "
- \* Pachynematus vagus ♀. Markree, Co. SL. 9.8.32.
- \* " " ♀ var. " " " "
- \* Pteronidea myosotidis small ♂. " " " "
- \* P. myosotidis ♀. Finer, Bundoran, ED. 12.8.32.
- \* Pristiophora pallidentris var. ♀. " " " 11.8.32.
- \* Pachynematus diaphanus ♂. Bunduff, SL. 14.8.32.
- \* " " ♂. Bunduff Strand, SL. 18.8.32.
- \* Pachy. obductus ♀. Bunduff, SL. 16.8.32.



Sarphes ret. by R.C.L.P. 27/1/33, cont.

(3)

- x Pachynematus chitellatus ♀? (might possibly be a much marked ♀ of diaphanus! R.C.L.P. See letter 27.1.33). Bunduff, SL. 16.8.32.
- x Selandria morio ♀. L. Erke, WD. 16.8.32.
- x Pachynematus obductus<sup>2</sup> ♀♀. Bunduff, SL. 18.8.32.
- x Phyllotoma vagans 2♀♀. Travallua, SL. 18.8.32.
- x Pteronidea myrsinoides ♀. Bunduff, SL. 22.8.32.
- x Pachynematus chitellatus ♀. Bunduff, SL. 22.8.32.
- x Pristiphora bulleri Th. ? (see letter dated 27/1/33!)<sup>1♀</sup>. Brucklers, WD. 24/8/32.
- x Pachynematus obductus ♀. Travallua, SL. 26.8.32.
- x Pteronidea oligospila ♀, var. " " " " " "
- x Fenusa dohrni ♀. Onalder, " " " " " "
- x Selandria morio ♀. Ononk, Knather, near Belleck, ED. 27.8.32.
- x Pristiphora pallidiventris, var. denudata Kon. ♀. Castligny, Bunduff, SL. 26.8.32.



16/8/31 cont. Belleme, Delgany, Co. WI. cont.

discovered much likely ground & some interesting aculeates during the bad weather of July.

Bombus lucorum, terrestris 1♀ certainly, B. muscorum ♂♂.

B. agrorum ♀♀.

Psithyrus distinctus ♂? (Palmer).

Vespa sylvestris & vulgaris ♀♀.

Odynerus sinuatus ♀ in nest.

Salix exaltata large ♀ amongst bracken

Crabro cetratus ♂ at stump on E. side of demesne (Palmer)

Where Palmer reports Trypoxylon, ♂.

C. leucostomus ♀♀ at same stump.

Halictus rubicundus ♂, H. albipes or calceatus ♂♂.

H.

Alomyia debellator ♂♂.

Leucocryptus ♂.

Pimpla maculator ♂. P. turinellae ♂. Glypta ceratites 1♀.

Lissonota cf. folii ♀. L. bellator 1♂.

Phytodietus 2 sp. ♂♂.

16/8/31 cont. Belleme, WI. cont.

Proctos. C. Hemiteles sternator 1♀. Glypta 1♂.

Leucocryptus 1♂.

Pimpla

19<sup>th</sup> August-1931. Showery after wet night & morning.

2-30-4-30 pm. Some sun, hot & salted.

"Cliffs" & south, edge of fields & below R.C. Chapel at Bohernabreena, Co. DU.

Bombus terrestris ♂♂, B. lucorum ♂♂ & ♀♀,

B. agrorum ♀♀, B. muscorum (♂♂?), B. lapidarius ♀♀.

Halictus calceatus 1♂ seen.

Bethylus fuscicornis 1♀, swept.

Athalia lineata ♂♂ seen, one kept.

Ventredia arcuata seen

Glypta ceratites ♂ & ♀.

Pimpla maculator ♀, pale stigma, worn!

Microcryptus

Homocidus pallipes 1♂. Stenobothrus 1♂.

Stenobothrus 1♂.

Dyspeza praecipua ♂♂, common!







89

26<sup>th</sup> August 1931. Agsthorpe, Lincs. 10.4.1931  
With Roger Galsworthy & Herbert  
and also himself, 2.4.31.  
*Bombus lapidarius*, 2.4.31.

*Bambus Capidarius* 520 1000

*Tenthredo 'traveller'* com. 10000 *Limnodynastes* 6.2

[Two old labels, but these were still there  
Bellerme, WI on 23/8/31 when found, labelled '2' and '1'.

Josano - thano 1.30 - 2.20 p. 1/2

*Bombus lapidarius*, ♂ & ♀♀, 2-3 mm, 1st & 2nd.

*Pomphila picta* ' var. in field book.

*Cephus* taken, including 258, 1, small, 1, small

65

Homocidus pulcher 30<sup>th</sup>, darker, at Locken, or, at 2.



30<sup>th</sup> August 1931. A fine day, but dull with strong NE wind till about 1.30; afterwards a glorious afternoon, but too late & little out. With Oshkoy. Sandhills, etc. on the Island, ~~Portrane~~, Portrane end, Co. DU. 11 AM till 3-30 PM.

Bombus lapidarius ♂♂ & ♀♀; a ♂ & ♀ in cop. on ground.

B. lucorum ♂♂ & ♀♀. B. terrestris ♂; also dead ♀ (E. Oshkoy).

B. agrorum & muscorum ♀♀ & ♂♂ of latter.

Psithyrus campestris 1 dead ♀ (E. Oshkoy).

Halictus rubicundus several ♂♂.

Crabro vermiculi frequent ♂♂ & ♀♀.

Mellinus arvensis frequent, ♀♀, ? also ♂♂.

Astata stigma 1 ♀ on sandy slope just N. of "steps" on big bunker on "Island" golf course. [See 27.6.26!]

Tachysphex pectinipes ♀♀ with last & in several other places.

Pompilus fittus ♀♀ frequent. P. plumbeus 1 ♂ (E. Oshkoy) & ♀♀ frequent.

Dicromyza luctuosa 1 ♀ with Larva niger at entrance to nest.

Helorus anomalipus?

Alysiid manducator?

Tenthredo arcuata ♀♀ seen.

30.8.31 Portrane, Cont.

Glypta ceratites ♀ in carrot. G. bipunctata ♀ in carrot.

G.  
Coeloclypeus detrita ♀ in thistle in dune. P. hirsutus ? ♂.

Pezomachus

Melan-

Ichneumon persicator ♀♀ in carrot

Dacnusa variator ♂♂ Hemiteles ? ♂♂.

Promethes pulchellus 1 ♀.



72

Insects taken  
at Paterson on  
6.9.31 labelled 2001  
to 2009 31 AWS. →

2-3 Sept. 1931. A dull day with  
thunder in the hills.

3.0-4.0 pm. Blagden, G. M.

*Bombus agrorum*, 1 ♀

*Andrena fucifrons*, 1 ♀

*Halictus alpestris*, 1 ♂

*Novada rufipes*, 1 ♂

*Scelionura betulae* ♂, at birch in Glen. v. R.C.P.

*Promethes sulcator* ♀. This was subsequently sent to Benson in 1937 who returned it with the label "Scelionura"

*Homocidus pulchellus*, 1 ♂, dark inst., at birch. ? sp. nov. near "betulae"

♀ Anomalid at oak

Also stopped on a return journey at plantation  
near where we stop.

Here took *Pemphredon schuckardi*, 1 ♂

but missed 1 ♂ & 3 ♀♀ *Parasitellus* at stump.

On return journey stopped in Glade of Biggs

DU, & bottled several *Stenomacrus*

which were very common.

[Big flood in Dodder, & the following day I must have  
done in all valleys radiating from Kippure!]

73  
Some collected 2.9.1931 by G.P.

*Pristiphora fulvipes* 2 ♀♀ v. R.C.P.

*Pterorides curtispina*, large ♂, with stigma  
nearly as dark as in *ribesii* group! R.C.P.  
in litt. dated 6.4.1932.

} Swift off *Saturnia repens* in  
hollow near estuary!

P.T.O.



6.9.31 cont.

P. 1. 1. 1. 1. 1.

*Leucophaea pallida**Pimpla**Steniscus (Eridolus) hirsutus* 1000 - 1000*Dryphus**Oulophorus**Homocidus pulchellus* 100, dark var.*Promethes sulcator* 100. *P. pulchellus* 100, 2♀♀.*Mesochorus nigrus* 1♀.*Eurylabus torvus* ♀

9th Sept. 1931. A fine aft. but not much sun.

Drove to Enniskerry, Co. WI. &amp; stopped for a few minutes.

*Mellinus arvensis* ♀♀ abundant & nesting on bank beside the bridge; there also *Lasius niger* "swarming" out of wall.

Then drove on to Glen of the Drom &amp; worked up the old Belleme avenue, Co. WI. 3.0 pm till 4.30, some sun.

*Bombus agrorum* & *muscorum* seen.*Bombus lucorum* ♂♂. *Promethes* 1000. *Lasius* 1000.*Ametastegia glabrata* ♂.*Emphytus braccatus* v. *caligatus* Linn. v. R.C.L.P. 11. 6.4.31.



13<sup>th</sup> Sept. 1931. A nice mild day, but little or no sun & misty rain in hills in afternoon. Stream valley, ramp in dunes, overgrown fields ("wuzzy") 1/2 mile S. of Enniscorthy: formerly known to us as "Buck's Bridge", but erroneously, as the real Buck's Bridge is nearer Arklow; C. W.I.

12.0 noon till 3 pm.

*Bombus agrorum* ♂♂ & ♀♀. *B. muscorum* ♂♂?

*B. lucorum* 1 ♂? seen, only.

*Vespa rufa* ♂.

*Mellicope arvensis* ♀♀ in "wuzzy" & nesting in sandy cliff or bank.

*Atthalia lineolata*? 1 ♂.

*Pimpla nigricans* (robusta) ♀. *P. detrita*? 1 ♀.

*P. rufipes* ♂. *P. oculatoris*? ♂.

*Polysphincta varipes* ♀ with 2 quite red segments.

*Leisonota culiciformis* 1 ♀. *L. bellator* 1 ♀

*Tryphonid* with red 11.

*Pimpla* 1 ♂.

*Phaenocarpa* ♀

*Promethes sulcator* 1 typical ♀ & ? one small dark ♀ (1 ♂ & 1 ♀) 1 ♂ & 1 ♀

*Homocidus pallipes*? ♂ & ♀.

*Euclyptus*.

16<sup>th</sup> Sept. 1931. Very warm, dull, almost raining!

Upper Glenasmole, Co. Du: Fields below Cottis Lodge, between COT-Brook & Upper Dodder: mostly beaten out of Salix, some out of Birch, & a few out of other shrubs &:

*Bombus agrorum* frequent - on *Scabiosa succisa*

*Halictus albipennis* 1 ♂ on *Scabiosa*

*Phaenocarpa* 2 ♂♂, 6 ♀♀ beaten out of Salix

*Orthocentrus* ♀♀ abundant - on Salix & Birch.

*Stenomacrus ventralis* ♀♀ common on Salix, &:

*Promethes pulchellus* 1 ♂.

→ Then = *Pteronidea oligospora* ♂ & ♀ fide R.C.L.P. (♀ came at first!)

Two wasps (Nemaline?) hatched on 16<sup>th</sup> & 30<sup>th</sup> May 1932 are believed to have come from larvae beaten of Salix or Salix, on this day: also an ichneumon (which em. 6.6.1932). but it is just possible that they could have come from larvae in Hazel taken in Glenariff, AN. on 28 July 1931 all of which I believe died before spinning up.

17<sup>th</sup> Sept. 1931 7.0 pm.



20th Sept. 1931. An absolutely perfect day!

Glenree, Co. WI (from Knockree to Copse Wood.)

Most collected along stream at N. side of Knockree, or in the Copse Wood; a few at intermediate spots.

*Bombus agrorum* abundant. *B. lucorum* 1 ♂ at 1.

*B. muscorum* 1 ♂ (George) at 2 - *B. jonellus* 1 fresh ♂ (George) at 2.

*Psithyrus campestris* ♂♂, all dark form.

*Andrena fuscipes* (or *collata* *muscinata*) 1 ♀ seen to enter burrow & many fresh burrows seen, in old river terrace below Copse Wood. = 3

*Halictus calceatus* & *alpinus* ♂♂ seen at 3.

*H. leucopus* ♀♀ on *Jasione montana* at 3.

*Sphæcodes* ♀ (? *affinis* or *hyalinatus*) seen at 3, but none at usual place above Copse Wood.

*Vespa rufa* ♀♀ seen [but no trace of any other "wasps" or *poison*]  
*Empyridae* *serotinus* ♂♂ abundant at oaks at 1 & 2 & several intermediate places: at some trees in dozens.

*Athalia* sp. seen at 1 & near 2.

*Pimpla instigator* 2 large ♀♀ seen. ♂♂ of var. *intermedia*.

*P. v. dentata* ? ♂♂ & 1 ♀. *P. oculatoris* ♂♂ & 1 ♀.

*P. maculator* small form of ♂♂ & ♀. *P. sp.* small ♂♂ with white hind tibiae.

*Phygadeuon* *tuberosa* 3 ♂♂ (? at 1.)

20.9.31 cont- Glenree, Co. WI cont-

20 29th Sept. 1931. The fifth day, but milder day in succession: very high barometer! Warm & still!

Wood in tributary valley at west side of Knockree, Glenree, Co. WI. 11.0 AM till 4 PM.

Spent two hours beating in morning & two hours with net in afternoon. Beat some larvae off Alder, but most escaped out of box: they included *Platycampus lucidiventris*, one large *Crucian* & several other species.

*Bombus agrorum* ♂♂ & ♀♀ common. *B. lucorum* 2 ♂♂.

*Vespa vulgaris* ♀♀ common.

[no other aculeates seen!]

R.T.O.



27/9/31. Glencree, WI. cont.

*Stenomacrus ventralis* ♀♀ + *Orthocentrus* ... ♀♀ very abundantly beaten off alder; oak + hazel a few; but ♂♂ rare + caught with net at oak (?) only.

*Hemiteles* ... ♀ beaten off ~~at oak~~ hazel.  
*Stenomacrus* ... ♀ taken on Salix in aft.

*Polyphincta pallipes*? 3 ♂♂ at oak.

*Stenomacrus* ...

+ 1 ♀ beaten off alder ...

*Alomyia* ...

*Glypta* (H. longicornis) ♀ beat

*Homocidus cinctus* 1 ♂. *H. dimidiatus*? 1 ♂ with hind tibiae striped inside.

*Eubedizon flavipes* 1 ♂ (?)

*Microcentrus thoracicus*? 1 ♂ beaten off alder.

*Proctotrupes* ...

30th Sept. 1931. A fine afternoon but rather windy.  
Poussant - demers (rt. bank of river near  
just below deer-park), G. WI. 2.30 - 4.30 pm.

*Verpa vulgaria* 1 fruit ♀ on oak + 9 ♀.

*Emphytus serotinus* ♂♂; + 1 ♀ seen high up oak.

*Pimpla oculatoris* ♀♀.

*Polyphincta tuberosa* 1 ♀.

*Stenomacrus* ...

*Stenomacrus* ...

*Stenomacrus* ...

*Stenomacrus* ...

*Panagyrus* <sup>= Leptocryptus</sup> *claviger* Tasch. 2 ♂♂ at foot of great stump, where another taken  
on 11.10.31.



82.

4th Oct: 1931. A dull, misty day, very warm.  
 11 AM till 1 pm. Garden at The Moat, Coombe,  
 Surrey <sup>[SR]</sup> (J. C. Stelfox!). Very warm: no sun.  
*Leisonota sulphurifera* 3 ♀♀. Two of these brought home: one is right: but the other seems to be a *Meniscus* & much like *Leisonota* but not the same.  
*Pimpla insignita* 1 ♀. *Promethes* 1 ♂.  
*Homocidus* 2 ♂♂.  
*Varpa vulgaris* ♀ ♂ at ring.  
*Proctosyllus* 1 ♂.

*These all in pencil taken in morning of 5th Oct.*

4.10.31. Aft. 2 till 4 pm. Very warm: dull.  
 Richmond Park (from Kingston Hill to  
 Ben Bond & back!), Surrey <sup>[SR]</sup>.  
*Bombus agrorum* seen.  
*Pimpla insignita* 3 ♀♀ at tree.  
*Rhyssalus* sp. 8 at tree.

*Promethes pulchellus* 2 ♂♂. *P. sulcator* 1 ♀.

[5.10.31. A few ichs taken at The Moat, Coombe,  
 in morning added to those taken on 4.10.31.]

83 B.

8th Oct 1931. A dull day with strong W. wind.  
 Glenasmole (Lower), Co. Du. The only insects  
 seen were a few taken at N.W. corner of the  
 upper reservoir, beside overflow, in lee of some  
 bushes along the Slake brook channel.  
*Leisonota*

*Stenomacrus ventralis* 3 ♂♂ + 2 ♀♀ mtd. on one card  
 with 1 ♂ of another species: latter with dark legs &  
 feet - r'.

*Homocidus* ♀.  
*H.* 2 ♂♂.  
*Barichneumon* ♂.  
*Pezomachus* 1 ♀.  
*Attractodes tenebrius* ? 1 ♂.  
*Semal Brachid.*



7th Oct 1931. [After return from London took two days further leave].

Very stormy & few insects out. Spent an hour in marsh between up. & lower road N. of Caniskerry, Co. WI. There some shelter & considerable run, but little out. About six spp. of *Schneumacher* taken & one *Proctotrupes*.



83 B.

8th Oct. 1931. A dull day with strong W. wind.

Glensmole (lower), Co. Du. The only insects seen were a few taken at N.W. corner of the upper reservoir, beside overflow, in lee of some bushes along the Slake brook channel.

Limonia ? basalis with red legs or sulphuripes with deep  
brown in mesothorax 1 ♀

Stenomacrus ventralis 3 ♂♂ & 2 ♀♀ mtd. on one card  
with 1 ♂ of another species: latter with dark legs &  
face etc.

Homocidus ♀.

H. 2 ♂♂.

Barichneumon ♂.

Pezomachus 1 ♀.

Attractodes tenebrius ? 1 ♂.

Several Braconids.

Dacnusa gilvipes ? ♀?







11th Oct. 1931. A fine day, with much hot sun, but strong wind.

Pouerncourt, Co. WI. Almost all taken in upper part of demesne, on right bank of river for 1/4 mile below the deer park; a few only taken in lower part of deer park. There practically no sign of insect life. 11.30 till 3.30.

*Bombus lucorum* 1 ♂ seen in ragwort in deer park.

*B. agrorum* ♀♀ + ♂♂ seen.

*Vespa vulgaris* ♀♀.

*Pimpla v. dentata* ♀ in deer park; others in demesne.

*P. rufata* ♀ in demesne.

*P. ovina* ♀ at roots of rushes in deer park.

*P. tunicellae* ♂♂.

*Leucospa bantini* ? ♂.

*Stenomacrus ventralis* ? ♂ + ♀♀.

*Promethes scutellarius* ♂ in mint & elder "scrub" just below deer park.

*Promethes cognatus* 4 ♂♂ with last & near by. *C. laticornis* ♂.

*Amorcin*

*Dyspeter praerogator* *Mesoleius* ♀

*Alexator*

*Leptocryptus* (= *bandogryphus*) *claviger* ♂, at big stump where 20 ♂♂ taken on 30/9/31.

11.10.31 cont. - Pouerncourt, WI cont.

*Stenomacrus ventralis* ♂♂ + ♀♀.

14th Oct. 1931. A dull still, mild day. Afternoon.

(i.e. near *Bokernabreena*)  
*Glinasmole* (just of) just above Mrs. Doyle's & below  
& about calcareous rocks & cliffs, Co. DU. 2.30.4.0 pm.

Almost all beaten out of hazel!

*Vespa vulgaris* ♀♀ in ivy thicket (only a little ivy out!!)

*Ichneumon* ♀.

[another very beautiful sp. with "white points" escaped: looked like *Hoplismenus hispidatorius*]. Labelled *Bokernabreena*

*Pimpla v. dentata* ♀.

*Dyspeter praerogator* ♀. *Stenomacrus* ♂♀

~~*Stenomacrus ventralis*~~ *Stenomacrus ventralis* ♀♀ abundant.

*Dacnusa areolaris* ? abundant.

*Exochus* ♂.

*Chalcid* ♂.

*Phaenocarpa* ? ♂.



18th Oct 1931. A completely dull, mild, day.

Morning 11 till 12-30 noon.

Kilmahogue Lane (=1) + Kelly's Glen (=2) Co. Dublin.

*Verpa vulgaria* ♂♂ + ♀♀ abundant at inc. at 1.

*Hemiteles* 2♀♀ at 1.

*Orthocentrus* <sup>radialis</sup> ~~protuberans~~ at Salix at top fork of glen at 2.

Larvae (yellow + black) of nematode abundant on Alder at apex of "peninsula" between tributaries at fork of glen at 2. These very like larvae taken at meeting of the Waters on

1930 + Glenariff, Co. Antrim, on 28th

July 1931 on hazel. [Three larvae sent to Dr. Perkins who says they are almost certainly *Hemiteles croceus*!]

*Hemiteles croceus*!

1♀ on 10/5; 2♀♀ on 11/5; 10♀♀ on 16/5; 6♀♀ on 18/5; 5♀♀ on 19/5; 3♀♀ on 24/5; + one ♀ (lost) on 30/5 1932.

*Platycampus* *lucidiventris* Larvae beating off Alder at 2: - 1♀ on 2.6.32.

B. B. Moffat report, seeing  
a ♀ *Hemiteles* *radialis*  
at cross near  
Glenariff, Co. DU.  
on 13th Oct.  
1931.

21st Oct 1931. A very cold fine day, with sun in places. Evening 3.0 till 4.15 pm.

*Promethes* *demon* (just below deer park) Co. WI.

All taken on (or about) two big oaks in field on top of right bank of river nearly opposite Valchase gate: mostly beaten but some caught while sun was out.

Small *Dysnephia* *extraordinaria* abundant + beating tray often literally filled with *Orthocentrus*, *Stenomacrus* + other small species.

*Verpa vulgaria* 1♂ + ♀♀ on oak.

*Pimpla* *turinellae* 1♀. *P. rufata* ♀♀ abundant.

*P. ...* *P. scutellaria* ♂ + ♀.

*Phytodietus* ...

*Orthocentrus* *protuberans* ? ♂♂

*Orthocentrus* *protuberans* ? ♂♂

*Orthocentrus* *protuberans* ? ♂♂

*Stenomacrus* *compressus* Thom. 1♀ of the species. Little species!

*Stenomacrus* *ventralis* ♂♂ + ♀♀ abundant.

*Mesochorus* ...

*Stenomacrus* ...

*Homocidus* *pallipes* 1♂.

*Promethes* *pulexellus* 1♀.

*Orthocentrus* ...

*Orthocentrus* ...



25<sup>th</sup> Oct. 1931. A fine day, after several such with frosty nights, but strong very cold N.E. wind between noon & 4 pm.

Oak wood on S.E. slope of Carrick Mt., above Glenealy Lodge, Co. WI [labelled "Glenealy"!] ]

11-30 AM till 3-30 pm: almost all sunny!

*Bombus agrorum* 1 torpid ♂ seen; 3 others heard.

*Verpa vulgaris* ♀♀: a few seen.

*Stenichneumon defraudator* ♀ taken on oak bush.

*Hydromus pectoratorius* ♀ beaten out of oak bush.

*Pimpla tarsimellae* 1 ♀. *P. inquisitor* 1 ♀ ~~beaten~~ at Callan.

*P. rapata vora*! 1 ♀ with yellow stripes on thorax.

Campoplegid, frequent & about a dozen taken on oak bush.

Flying 2 oaks, ♀♀ beaten.

*Orthocentrus* spp. beaten off oak & birch.

*Stenomacrus ventralis* ♂♂ & ♀♀ & others on oak.

3 Larvae of *Pterodroma caesia* (green with pink dorsal stripe) on Salix. <sup>1 ♀ em. 9.5.1932 + 2 ♂♂ on 12/5/32</sup>

[NB. Many dead & mouldy encased ♂♂ *Orthocentrus*, & ♀, on under side of leaves of trees, where there had died with extended wings!] ]

28<sup>th</sup> Oct 1931. A fine day, but sun patchy in aft. N.E. corner of oak-wood at Glen of the Towns, Co. WI. 2-15 - 3-40 pm.

*Verpa vulgaris* frequent.

*Stenichneumon defraudator* ♂?

*Stenichneumon* ♂

*Stenichneumon* ♂

*Stenichneumon* ♂

*Stenichneumon* ♂

♀ & ♂ beaten with long thin stick.

*Stenomacrus ventralis* ♂♂ & ♀♀.

*Stenomacrus ventralis* ♂♂ & ♀♀. *Stenomacrus ventralis* ♂♂ & ♀♀.

*Stenomacrus ventralis* ♂♂ & ♀♀.



1<sup>st</sup> November 1931. A mild dull day with  
S.W. wind.

Glen above Enniskerry, Co. WI. All beaten off oak,  
hazel, elm, etc., just inside gate & up slope to right.

*Verpa vulgaria* ♀♀ seen.

all labelled Glencullen, WI.  
1.11.31 AWS.

*Stilpnus gajalis*

*Hemitelia* ??

*Plectiscus* ? ♂ with marginal pinkish line on thorax

*Orthocentrus protuberans* ♀

*Stenomacrus ventralis* ♂ & ♀♀ abundant

*S.* of ? ♀, on 10.11.31, very small

11<sup>th</sup> November 1931. A fine day, but no sun in aft.

Government Demesne, WI. 2.30 - 4.0 pm.

*Orthocentrus protuberans* ♀ beaten out of *Conifer* on  
avenue leading from river to house.

All other species beaten out of oak & ivy on top  
of right bank not far below deer park, as usual.

*Verpa vulgaria* ♀♀ frequent.

11.11.31 cont. Government demesne cont.

*Stilpnus gajalis* ?

*Stenomacrus ventralis* ♂♂ & ♀♀ <sup>a few</sup> abundant as usual

*S.*

*S.*

*Cynipid* red.

*Stenomacrus* ♂ & ♀♀

*Hemitelia* ♂ & ♀♀

15<sup>th</sup> Nov. 1931. A perfect day: very hot sun &  
gentle, NW wind.

North Bull, Co. DU. With E. O'Shannon.

Left cycles in middle of "dunes" & walked to "Lady Anna's  
Banks" at Sutton end of Bull, somewhere near which  
I believe Stalbert took his specimen of *Pren*  
*unicolor* on 7<sup>th</sup> Aug. 1898. Shock roots of  
*Prunus* but from these got only two small ♀♀  
icks: - possibly *Agrostis* " " " "

[The only molluscs seen were *Agrio. apertis*: abundant  
pale form with brown "neck"; some very large. *Vitrea*  
*pellucida* large & common at N. end. *Helicella acuta* &  
*H. virgata* -] 20.11.31



List of specimens sent to S. Roman Nov. 1931

[continued from vol. 3, p. 106] with his remarks.

Serial No. [113. specimen kept by S. Roman marked thus X]

118. *Stenomacrus compressus* Thoms. ? ♀ in Hatfieldy Colo.

"I doubt if this is *compressus* as the basal flagellar joints are not 'fast breiter als lang'. A.R.

[In my specimen taken in Powerscourt demesne on 21.10.31 the first joint of flagellum is only a little longer than broad & much shorter than 2<sup>nd</sup> & 3<sup>rd</sup> which are strongly elongate! A.W.S.]

119. *Homotropus brevicornis* Thoms. ♀. "Seems correct from the description: your specimen has 19-jointed flagellum". A.R. = "*crassicornis*" Thoms.

119 from Glara, WI. 27.7.27.

X 120. *H. brevicornis* Thoms. ♂. Probably correct. I have seen a ♂ from Moravia. Thomson's earlier name (p. 1490) is *crassicornis*; *brevicornis* seems to have been due to a slip of his memory". A.R.

120 from Coon, Glen Inaal, WI. 28.6.31.

121. *H. sp.* ? ♀. Runs to *pictus* but much larger than that I know as *pictus*. Could it be *incisus* Thoms.? Note clypeus! "Seems to be *incisus* (unknown

to me), but the hind tibiae are much paler than the descr. says. A.R.

121 from 1/2 Glasneville, DU. 16.6.29.

122. *H. sp.* ? ♀. ♂ of *rubiginosus* Schmied.!

"= *H. crassicornis* Thoms. *finovius* Holmgr. non grav. !. Certainly I have compared it with a ♀ of *finovius* Holmgr." A.R.

122 from Rathduon, WI. 8.7.26.

X 123. *H. sp.* ♂. I think this is a dark form of *pulcher* though it is like a small *tarsatorius* in some ways. Very common, while typical *pulcher* ♂ is rare.

"Is *tarsatorius* P. var. In the Museum we have Lapland ♂♂ just like yours. List specimens of many species are as dark as our Northern ones. *H. pulcher* ♂ & ♀ has the sides of the scutellum pale types! & description of Holmgr. \* Thoms. say "forte". A.R.

123 from Sallins, KD. 17.9.30.

X 124. *H. alpinus* ♂. The ♀ has very compressed apex of abdomen! On this day I took a long series of ♂♂ flying to a branch of a 'Douglas Fir', but only one ♀ (which is too precious to risk in the post.) "Seems correct from the description. I only know the ♀". A.R.

124 from Powerscourt (14), WI. 16.5.29.



125. *H. longiventris* ♀? "Correct, compared with Holmgren's '*pumilus* ♂'. [Sorry the abdomen is missing & not to be found in the box!]" A.R.

125 from Rathdrum, WI. 13.7.29.

- \* 126. *Barus* sp. Is *annulatus* distinct from *varicosa* & what is this? "Is *varicosa* Thom. ♂? In my 2 ♂♂ of *annulatus*, from Lapland, the face is totally yellow, the antennae red beneath, the mesonotum & scutellum quite black & the broad end of the hind tibiae clear red." A.R.

126 from Portrane, DU. 31.8.30.

- \* 127. *B. albignatus* var.? If this is *albignatus* then all Irish specimens have black hind coxae! If not this, what is it please. "It is *varicosa* Thom. ♀. In Sweden, too, *varicosa* seems to be commoner than *albignatus*. The ♂ is rarer than the ♀, at least in Sweden." A.R.

127 from Rathdrum, WI. 26.7.30.

See further note on p. 98 →

- \* 128. *Orthocentrus* <sup>radialis</sup> *fulvipes* ♀. Is *radialis* Thom. distinct from this? Morley says it is commoner than *fulvipes* in England! "Correct. I do not know *radialis*. Thomson's types are not here but in Lund, 10 hours' railway to the south." A.R.

128 from Slade Brook, Glenasmole, DU. 1.10.30.

- \* 129. *Orthocentrus protuberans* ♀. Correct. In northern Sweden probably the commonest species of *Ortho.* v. st. "A.R.  
129 from Glara, WI. 23.11.30.

130. *Triclistus* sp.? Is this *lativentris* or only *pedagurus*?  
" = *T. congener* Holmgren. ♂." A.R.

130 from Arklow Head, WI. 15.8.30.

131. *Chorinaeus longicalcar*? Johnson named it *longicornis*? "It seems to be, indeed, *longicornis* Thom. *Longicalcar* (the correct name for which is *subcarinatus* Htg.) is more a northern ~~species~~ & mountain species; the type is from Lapland." A.R.

131 from Malakide, DC. 1.5.31.

132. Taken in Devon, England, by D. R. C. L. Perkins. I can make nothing out of this unless it is *Anarthronota thuringiaca* Schmid. "I have the same species (1 ♀) from Holland named by Smits v. Burgst - as *G. thuringiaca*! If that is correct, Schmid's description is very poor." A.R.

132 from E. Dartmoor, Devon R.C.L.P. 4.5.23.

133. *Hadrodactylus* <sup>insignis</sup> sp. "Is *insignis* Krb. ♂. Agree also with *varicosa* Thom., but nothing is said about the ♂ segm., so it is not certain this name is a synonym of *insignis* A.R.

133 from Poveruncourt, WI. 19.6.25.



96.

134. *Hadrodactylus* sp. "*H. femoralis* Holmgr." (non Rom.) ♀, dark specimen. In the Swedish ♀ I have compared it with the face is black in the middle. *H. femoralis* Rom. is *confusus* Holmgr. A.R.

134 from Glenmalur, WI. 3.6.26.

135. *Hemertus defectorius*? "Correct. The first segment has glycmae, so the genus is a synonym of *Genarches*." A.R.

135 from Boriskane, NT. (H.A. Phelps). 19.8.27.

\* 136. Is this *Meniscus impressor*? "Correct." A.R.

136 from Deputy's Pass, WI. 12.8.30.

137. Is this *Seporus bislor*? "Certainly!" A.R.

137 from (1) Meeting of the Waters, WI. 24.7.30.

\* 138. *Genarches sulphuratus* or } Are these distinct & if  
no why do I not get  
♀♀ of No. 139?

138 from Wilcovey, CW. 6.8.29.

\* 139. *G. flavitarsus* or?

Roman replies:—

"I do not think they are distinct, though I have taken neither myself, but I have a ♂ from the 'Polish bovidor' with both face & hind tarsi pale, so I think these features are variable in colour." A.R.

139 from Stradbally, WA. 18.8.28.

97.

Naturhistoriska Riksmuseet  
ENTOMOLOGI  
Prof. Dr YNGVE SJÖSTEDT

STOCKHOLM 50,  
Den 22/3 32.

? When in 1913, he  
in *locus* Hal.  
then has  
- legs) & one  
black.

Dear Mr Stelfox,

By your letter of 1st June for March 16<sup>th</sup>, received yesterday, I found to my surprise & sorrow, that I had disturbed your mourning after a recently lost child. Of course nothing like that was intended, but chance has its ways. If my tender thoughts have given, for the moment, your thoughts another direction, they may have been of some use. In any case I am glad for your letter, but at the same time a little ashamed, for you remind me of a discussion I had totally forgot - species please? I mention the *Glypta nigrotroch.* Ström of those depended on my having found once more its resemblance to a *mensurator* in a Swedish U. S. A. this collection I was perusing with the agreeable intention to keep the interesting things.



Dear Mr Stelfox,

By your letter of March 16<sup>th</sup>, received yesterday, I found to my surprise & sorrow, that I had disturbed your mourning after a recently lost child. Of course nothing like that was intended, but chance has its ways. If my lines have given, for the moment, your thoughts another direction, they may have been of some use. In any case I am glad for your letter, but at the same time a little ashamed, for you remind me of a discussion I had totally forgotten. My mentioning the *Glypta nigrotrich. Str.* depended on my having found once more its resemblance to a mesurator in a Swedish collection. I was perusing with the agreeable intention to keep the interesting things.



which the collector had kindly permitted. On my previous discussion of nigro-troch. I had evidently forgotten to make a note of the matter, so I had nothing to remind me.

<sup>23</sup>/<sub>3</sub>. I had to interrupt the writing yesterday. As you remark, there is a difference in stigma colour between *memurator* & *nigrotrochant*-*rata*, but it seems to be the only difference besides the abdominal colour. In the north the races differ slowly because of the want of heat, in the south the proceeding is quicker, & for that I think the race of the Alps, where the sun burns strongly in summer, to be a step farther differentiated by the dark stigma. This is, of course, a theoretical speculation, but to my experience it has a strong probability. Something similar is the case with *Rhyssa perusaria* L. It is well known to occur in all the Holarctic zone, & everywhere, with one exception, it

looks about the same. The exception is its southernmost occurrence, the Himalayas. A few years ago I received for inspection from the Brit. Museum a couple of specimens which puzzled them. After all comparison I could effectuate, I gave the opinion that it was a well-marked race of *perusaria*, but no separate species. The hymenopterists of the Br. Mus. took the same side, & the form is now known as *Rh. pers. himalayensis* Wilkes.

Now you have my opinion on *nigro-trochant**rata*, but so far it is not found in Sweden, & *memurator* also is rare here. You say both & their intermediates are not rare in Ireland, & that you can give me specimens of them. I thank you for this offer & shall be very glad to have them. If I can give you something in return, please let me know it.

Expressing once more my sympathy



in your loss, I am  
yours sincerely,

A. Roman.



Rathdrum.

7.7.26. Megachil. centumulari, ♂  
Coelioxys acuminata ♂.

Odynerus trifasciatus ♂ W. bank at  
Arundale bridge.

Crabro aphidum ♂♂.

Frenum armatator at log!

13.7.26. Megachil. villosa, thulii & varicolor ♀♀  
found at bridge & latter at stump above road.

And. minutula "part of hill" ♂♂.

with A. flavipunctata ?

Agonia variegata ♂ & ♀.

Odynerus trifasciatus ♂.

Pass. monileicornis ♀.

Crabro podagrum, under S. and J. road.

Pomp. spissus ♀

8.7.27. Crabro capitatus near station.

Gaster. mystaceus ♀♀.

Pass. mon. & Chromula full.

Crabro claviger & pod.

Lin. maculata

15.7.27. Meg. villosa & varicolor ♀♀ at bridge.

C. aphidum near st. & at bridge.

C. cap. pod. palmipes at stump.

Glypta gueltziantha & similis.



11.7.28. Od. tripasciatus ♀ nesting in hole in  
Meg. will. front of at bridge <sup>just before Ar. bridge gate</sup>

Certhia caprimus ♀♀ nesting in pit of  
elder at foot of Ar. bridge!

---

13.7.29. Meg. will. at bridge. M. respublica seen at  
stump on left bank  
near bridge.

Od. tripasciatus ♀ near bridge.

---



[Thomson?]

134. *Hadrodactylus* sp. "*H. femoralis* Holmgr." (non Thom.) ♀, dark specimen. In the Swedish ♀ I have compared it with the face is black in the middle. *H. femoralis* Thom. is *confusus* Holmgr. A.R.

134 from Glenmalur, WI. 3.6.26.

135. *Hemertius defectorius*? "Correct. The first segment has gynmæ, so the genus is a synonym of *Genarches*." A.R.

135 from Borrisokane, NT. (H.A. Phillips). 19.8.27.

\* 136. Is this *Meniscus impressor*? "Correct." A.R.

136 from Deputy's Pass, WI. 12.8.30.

137. Is this *Sespinus bicolor*? "Certainly!" A.R.

137 from "The Meeting of the Waters, WI. 24.7.30".

\* 138. *Genarches sulphuratus* ♂ } Are these distinct & if  
so say do I not get  
♀♀ of No. 139?

138 from Wilcovey, CW. 6.8.29.

+ 139 *G. flavitarsus* ♂?

"I do not think they are distinct, though I have taken neither myself, but I have a ♂ from the "Polish Corridor" with both face & hind tarsi pale, so I think these features are variable in colour".

139 from Stradbally, WA. 18.8.28.

A.R.

140. Is this like your "*Cteniscus phaeorhocus* Hal."? When Morley overhauled the Haliday Ichneumonidae in '913, he picked out two specimens & labelled them "*phaeorhocus* Hal." & one he designated as "type"; but neither of them has black head legs (they are fulvous like the front legs) & one (not the "type") has the apex of the abdomen black. Neither could be the same species as I now send you for examination & there is nothing like this now in the Haliday coll. Roman replies: — "Your specimen is a ♂ of *Exyston brevipetiolatus* Thom. (Exant. triangularis Holmgr.). My "*phaeorhocus*" (only ♀) is a real *Cteniscus*, probably n. sp., more slender than the *Exyston*, with shining abdomen, no yellow on the face except the clypeus, the hind tibiae not yellow at the base & the red abdomen is narrower.

140 from Clara, WI. 29.7.29.

141. I suppose this is a *Microplectron* (Foist. non Dkm. = *Smicroplectrus* Thom. A.R.) but I feel species phare? It seems to agree, in parts, with all four of those mentioned by Schmied. ! "It is *S. Bohemani* Holmgr. ♂. The ♀ is prettier, with more white. In U. S. A. this genus is known as *Anderis* Davis." A.R.

141 from Glenasmole, DU. 23.5.30.



142. *Acrodactyla degaer* Hal., its cocoon & remains of its host! Bred by S. R. C. L. Perkins, in Devon, England. Is this not synonymous with *Symphyla politus* Först.? "Certainly! It has been reared numerously in Denmark!" A.R.

142. Bred from spider: Paignton, Devon. R.C.L.P.

[END OF LIST sent to Dr. ROMAN, Nov. 1931.]

Note on No. 128!

Two days later I received a p.c. from Dr. Roman (dated Stockholm 16/11/31) in which he says re. No. 128: - "I am afraid the *fulripes* you sent is *radialis* Th., for I just observed today the 3♀ in our Swedish collection belong to 2 spp. & the 2 first of them are *radialis*. Your specimen was like them, specially in the proportion of the antennae, where the basal flagellar joints are about as long as broad. Our 3<sup>rd</sup> Swedish ♀ has dark antennae with strongly transverse joints & that I suppose is the real *fulripes*!"

13. All my ♀♀ I had named "*fulripes*" have the basal flagellar joints reddish & about square so all these are evidently *radialis* & not *fulripes*.  
A.Y.S.

About a fortnight later I received another p.c. from Dr. Roman, dated 27 Nov. 1931, in which in reply to a query of mine he says that by "base of radius" Thomson always meant the part of 1<sup>st</sup> abscissa next radii stigma. He added that in *Ortho. fulripes* the 1<sup>st</sup> absc. of radius is weakly curved, the 2<sup>nd</sup> quite straight; also that such near characters were not always constant, e.g. that in *Crat. fabricator* the apex of radius is said to be straight, while in *C. annulator* it is said to be curved, but he finds this "rather variable". In his species *Acrodactylus rectinervis* on the other hand he finds the character constant.

p.c. from Dr. Roman, dated, Stockholm 5/12/31: in reply to my sending of three species the previous week. These three species are as follows:—

No. 143. *Plectrocryptus tarsatus* Bridgman. ♂♂  
Gloghlaugh Glen, Co. WI.

No. 144. *Cryptus moschator* F. ♂ (which I had run down as *C. fribulator* Grav.) <sup>dark var.</sup> Newcastle, The Murray, Co. WI.

No. 145. ~~*Stenomacrus*~~ <sup>*Stenomacrus*</sup> *ventralis* Hgn. ♂♂ & ♀♀  
Poussacourt demense, Co. WI. 11.11.31.

cont. on p. 101



29<sup>th</sup> November 1931. A beautiful day, with very hot sun, blue sky & gentle N-NW breeze.

Worked the iron horizon on old road from Kiltarnan  
over the lead-mines ridge to Ballyman (E. of Sculp)  
Co. DU.

most, except Daemusa almost all, taken on S. slope  
of ridge on one bunch of ivy along E. ledge!

Vespa vulgaris ♂♂ abundant everywhere.

Hemitelia ♀.

Stenomacrus ventralis ♀♀ (about six seen)

4. ... 9 ♀♀ beaten out of bunch of ing mentioned above, or near it.

Cepantela 277.

Sacrusa ♀♀ frequent.

Growth of *Alnus*.

62. *Am. p. 2*

The Rectal type 2.

6th Dec. 1931. A beautiful day after some days rain & gales. Morning " till 1 pm.

Don to Woodtown, via Fir House, Co. Du., & walked up to military Road, then to Killakee gate & up Mt. Pelier Hill to the "Hell-Fire Club" on summit. On return down the old Woodtown road at 550 ft. alt. I beat 3 ♀♀ Perognathus, 1 ♀ Hemitelia & several coleoptera (Dromius sp.) out of a couple of very dense bushes of Ulex europaeus growing in the ditch on sunny side of road: also hundreds of spring tails (Tom. minor & smaller species).

S. Roman p.c. of 5/12/31 cont. from p. 99.

"Jest. I got your box & letter & have returned the box with a few new presents for you. Your specimens were Plectrocyptus tarsator Bridg. ♂, Crypt. moschator ♂♂ 7. ♂ darker var. and Stenomacrus ventralis Hgn. — the last one compared with the types. Among my specimens [sent] are Mesoleius segmentator & M. curvica. I have doubles of several western Mesolei, but thought it better to give you species you can find yourself. Isadelphus clavatus







26th Dec. 1931. A fine "grey" day, with high glass.  
*Boleina brevia* + lower *Glenacole* (as far  
 as the upper dam, Co. Du.

Beat some ivy, Hossan, still out, above  
 Mr. Doyle's + around fallen blocks of  
 calcareous.

*Dacnusa* ♀♀ frequent.

*Stenomacrus ventralis*? 1 ♀

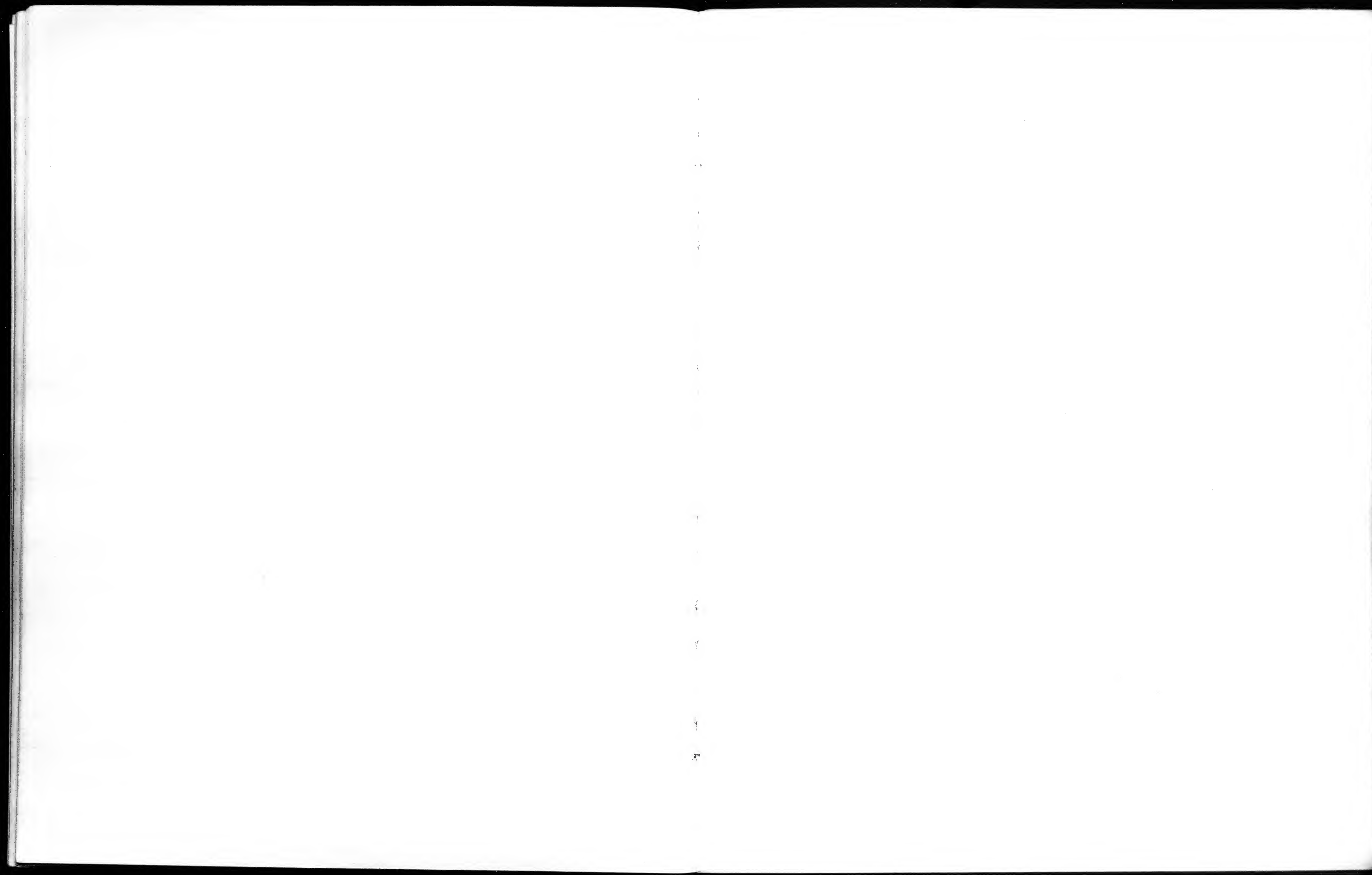
No *Vespa* + no other hymenoptera seen.

27th Dec. 1931. A fine day, nearly all sunny, with N.W.  
 wind (very strong N. of Bray Hd.: practically none at  
 Greystown + along S. side of Head).

Left car at Greystown + walked over Bray Head  
 to Bray, Co. Wi., with George + Hugh.

Many flies on seaweed at high tide mark; a few  
 beetles collected for Orkney; one dead *Ena obscura*  
 shell shaken out of dead grass at foot of cliffs S.  
 of cutting in rock near entrance to lost tunnel on ry.  
 which may have fallen down cliff or been thrown up by  
 sea; but no hymenoptera seen.







1932\*

January, like Dec. 1931, was a very mild month & after some gales & rain the week of 18<sup>th</sup> - 25<sup>th</sup> was absolutely calm & the days mostly very sunny except for some fog or mist. Barometer extraordinarily high as well as temperature. One Brown came out in front garden early in the month, but the nest did not appear till 26<sup>th</sup>. Sanddrops were out from 18<sup>th</sup> & by 20<sup>th</sup> at least two of the red Lacifragas had several flowers (prematurely) open. Hazel or catkins were seen by the Owenboy, just below Reekets factory on 17<sup>th</sup>: one bush well out & another just out: owing to flood I could not cross to look for ♀ flowers.

25<sup>th</sup> Jan. 1932. The poorest day of the week: rather bleak, strong SE to SW winds, after a wet night then a slight depression passed over.

With Palmer & D.K. Kevan (of Edinburgh) took bus to Malahide & walked to Portmarnock Pt. & round dunes (golf links) back by estuary & back home. Mostly coll. marine mollusks on shore, but spent 5 minutes shaking Bracken roots on dunes & got one Braconid (Blacus ruficornis near ♀ ?) & Hemiteles ♀, as well as two species of Chalcids & some beetles for Oshing.

Collected some galls of Cynipid species in dunes & from the trees & some Chalcid parasites emerged the following day!

Purple Crocus out on 1<sup>st</sup> Feb. 1932.

9<sup>th</sup> Feb. 1932. After a few days illness Hugh, our younger boy died of scarletina, just a fortnight before his eleventh birthday. February was very dry & cold & the beginning of March the same, except for a slight break, with a depression about the 3<sup>rd</sup>.

13<sup>th</sup> March 1932. A most glorious day, after a few frosty nights & fine sunny days with E. winds. Wind cool, but not strong enough to matter.

Cycled to Enniskerry. Here Hugh was buried, & spent the day in the marsh (between roads) & in the glen (Glenallen or Knockin). 11-30 till 4 pm. (Co. WI.)

On the willows in the marsh (now well in flower) I only saw a few Honey Bees. In the glen I saw nothing until I reached the big willow bush on sandy cliff which faces the Ravin Rock & Annaghree Wood (now felled). At this willow just as I got near it, a large insect like a ♀ Bombus flew away, but I was not near enough to be sure it was a Bombus. From 1.30 till 3.30 numerous Andrenas seen at this tree (mostly well out of reach). I believe all were either A. praecox or A. apicata & both ♂♂ & ♀♀ were seen.

Pezomachus ♀ taken on sandy cliff, with *Formica fusca* ♂♂. Red one very active. P.T.O.



March  
13<sup>th</sup> ~~Feb~~ 1932 cont. Glencullen cont.  
One ♂ Meloe proscarabaeus taken with last.

25<sup>th</sup> March 1932 (Good Friday).

Barometer low & falling, very stormy (SE)  
but no rain: high mist rolled in & all real  
beet & insects practically not to be seen.

Glencullen (for 1 mile above Enniskerry) Co. WI.

Bombus lucorum 1 ♀ "manning" herself: just out.

Andrena clarkella 1 ♀ on ♂ Salix on sandy cliff.

G. apicatus 1 ♀ with last.

Andrena sp.? 1 ♂ seen on coltsfoot on sand  
flat; like G. apicatus or praecox but might have  
been anything.

Lasius alienus? also seen on sand flat & river.

Also took Clavicornia laminata on right bank of  
river high up an old Salix caprea opposite the  
ruined cottage above sand flat.

Daisy took a Braconid (C. sp.)  
in woods just below sand flat.

Brought home about a dozen bored sticks from near where those  
containing Phidippus aculeator were taken in 1931. from 4-5.32 to 5.32 on 8.6.32.

27<sup>th</sup> March 1932. A fine day, strong S.W. wind,  
rain, with low & falling barometer (? middle of a depression)  
Very few insects out. though much rain.

Ballyhenry quarry, Co. WI. 11-30 till 2.0 pm.

Bombus terrestris 2 ♀♀ seen. B. lucorum ♀♀.

B. jonellus several ♀♀ at willow up glen & 1 ♀ at gorse.

Andrena clarkella ♀ seen in quarry & ♂?

Other Andrena seen flying round tall ♀ willow in  
quarry (the only tree in bloom at this spot: other willow  
up glen well out). Meloe: several seen!

One small black ich. (? Hemiteles sp. ♂) taken on  
branch in glen. Chiff-chaff plentiful!

27/3/32 cont.

Deputy's Pass, Co. WI. 2-30 till 4.0 pm.

E. slope of pass, below old garden.

Two ichs taken & one ♀ Bombus heard!

♀ Crucian = Habropoda sp. on Vaccinium, red, just below old garden & entrance  
to the wood on the left. ♂ Habropoda sp. on Vaccinium, red, just below old garden & entrance  
to the wood on the left.



30th March 1932. A stormy day, after a depression.  
 Greyston<sup>①</sup> - S. side of Bray Head<sup>②</sup>, Co. WI.

From till 3 pm. dull & later wet most of time.

*Bombus terrestris* ♀ seen at 1. *B. lucorum* ♀♀ at 102.

No other aculeates seen; except - *Apis mellifica* at 1.

*Theridion*? sp.? 1 ♂ at Sals at 2, in "glen"!

*Cynipid* beaten off Sals at 1.

*Aphidius* sp.? : remains of ♂ in pool along old ry. at 2.

NB. The mollusk *Paludicola jenkinsi* abundant  
 with *Limnaea peregrina*, *Chara* sp., etc. in drain  
 at foot of "cliff" along old ry. at 2: 1/4 mile  
 S. of tunnel!

31st March 1932. A very cold day, NW + NE wind, rain  
 in forenoon, dull & windy in afternoon.

Drove Fred Hillier to Linalip in afternoon to look for beetles.

In Knocknacoon sand-pit, Co. DU., took 1 specimen of  
 woodlouse *Platyzanthus hoffmannseggii* in nest of *Myrmica ruginodis*.

Willow all well out along R. Liffey. In sand-pit, by Sandford's  
 Bridge over the Rye Water, Co. KD. (E. of Burton!) took one specimen  
 of snail *Limacina scintilla* under small rock stone. *Lasius  
 flavus*? & *Myr. ruginodis*? the only hymenoptera seen!

2nd April 1932. A fine day, after two bad ones, cold  
 NW + NE winds, with heavy snow & hail shower in  
 afternoon & evening.

Glencaly oak woods, S. slope of Carrick Mt., Co. WI.

11-30 till 3 pm. Very little seen though some hot sun.

[Left car at Glencaly school & walked up lane from  
 church to oak wood, now being cut down to plant  
 with conifers by forestry dept. An appalling crime  
 in my opinion! East of lane the oak-wood is  
 still untouched & includes some beautiful ground  
 for insects.]

Saw *Bombus lucorum* several ♀♀.

*B. agrorum* 1 beautiful fresh ♀ on *Vaccinium* flower  
 some of which were well out.

Took on stick: *Orthocentrus* ♂ in wood  
 & a couple of *Cynipids*.

[Heavy snow showers & very cold on 3rd April  
 (Sunday) after a hard clear frosty night.]



10th April 1932. A cold day with gale from NW & heavy snow & hail showers, but bright sunny intervals. Drove to Drumdangan (between Glenties & Deputy's Pass) Co. WI, then on to Deputy's Pass itself. There saw a fresh ♂ Holly Blue. Showers almost spoiled collecting & the gale made everything shy.

Drumdangan, where old lane crosses railway = 1. 1 to 2 p.m.  
Deputy's Pass, N. side = 2. 2.30 till 3.30.

*Bombus lucorum* a few ♀♀ at 1 & 2. *B. agrorum* 1 ♀ at 1.  
*B. deshamellus* 1 ♀ on Dandelion at 1.

*Andrena praecox* ♂♂ common at 1, running themselves.

*A. guynensis* 1 ♂ at 2.

*A. lapparia* 1 ♂ seen & 1 very fresh ♀ taken at 2.

*Dolerus biogaster* ♀ taken near tall <sup>"Spanish Fir"</sup> Spruce at first elbow of "avenue" at 2.

*Stenomacrus* sp. ♂, very like *S. ventralis*, taken on *Vaccinium* in side glen at 2.

Peacock Butterfly at 1. Holly Blue at 2.

*Meloe* ♀ seen egg laying at 2.

[No sign of Swallows or Willow Wren all day!]

15th April 1932. A fine day, with keen E. wind, some clouds. Took morning off (in lieu of Sat) & went to The Dingle, Co. DU to look for *Dolerus biogaster*, but sunny intervals were very short & few insects flying.

*Dolerus aeneus* 2 ♂♂, 2 ♀♀.

*Andrena guynensis* 1 fresh ♀ running in stone.

*Bombus lucorum* a few ♀♀. *B. agrorum* 1 ♀. *B. muscorum* 1 ♀.

Willow Wrens singing!

[17th April 1932. See page 116 →]

20th April 1932. A cold day, but with much sun, spoiled by heavy hail showers in afternoon. Afternoon.

Drove to Enniskerry, Co. WI, but after a few minutes collecting a very heavy hail & sleet shower, which lasted half an hour ended collecting. Did not attempt any further collecting.

Beaten from Salix below chestnut tree

*Pimpla brevicornis* 1 ♀, (? hibernated).

*Empria tridens* ♀. V.R.C.H.P.

[One Cryptid? i.e. ♀, hatched or came out of the Enniskerry eggs - Killarney Fern case at home.]



17th April 1932. A bright cold stormy (N) day  
 & nothing flying: cloudy <sup>or</sup> hills & to the south.  
 Therefore drove north, with D. K. Kavan (Edinburgh)  
 to Ballintra Bridge, on the Boyne above Kavan, Co. ME.  
 Saw Bombus terrestris, lucorum & agrorum ♀♀  
 but no other hymenoptera.

20th April see previous page!

24th April 1932. A completely dull day after 11 AM,  
 after a clear night & brilliant morning. Cold & windy  
 N & E in forenoon; calm & mild after 2 pm.  
 Drove, with Palmer, to Ballyhenry, Co. WI, where  
 sunny at 10.45 AM, but little out. Some ♂ Andrena  
 seen flying round gorse & Palmer saw nomia  
eucophthalma in the quarry. Also Bombus terrestris  
 & lucorum ♀♀. Small White & Peacock Butterflies!

Then drove on towards Glencaly, WI, & stopped at old  
 sand pit in field 1/4 mile NE-E of Glencaly church, but  
 no run: one small ich seen in grass at stump but missed.  
 Quite nice ground!

Next drove on to railway crossing at Drundangan,  
 WI, but no run, cold & windy. Saw Bombus lapidarius 1 ♀

24/4/32 cont.

For the first time 1932; also B. terrestris, lucorum & agrorum  
 Palmer saw one ♀ Andrena by railway track on ♀♀.  
 probably A. praeax.

Finally drove on to Deputy's Pass about 12-30  
 & stayed till 4.45 but no run though sheltered  
 & mild. Many ich. beaten <sup>out</sup> of Fir, Holly, Hazel, Ivy etc.

Deputy's Pass, Co. WI.

<u>Bracon variegator</u> ? 11 ♀♀.	} Beaten out of Spanish Fir tree ( <u>Abies pinsapo</u> ) at first elbow of avenue up road: N.E. side of pass!
<u>Pimpla pomorum</u> 1 ♀.	
<u>P. elegans</u> 5 ♀♀.	
<u>P. maculator</u> many ♀♀.	

<u>Hemiteles areolaris</u> 2 ♂♂ & other sp.	} all beaten out at end, beyond in old oak wood at NE end of pass, beyond side of glen.
<u>Stenomacrus ruficornis</u> 8 ♀♀, & 2 other species.	
<u>Picrostigma</u> sp. 2 ♀♀.	
<u>Anteon brachycerus</u> 2 ♀♀, 2 more missed on tray (1 ♀ given to Palmer.)	



27th April 1932. A dull afternoon after a fine morning,  
due to approaching depression: sun in shelter but  
windy (SE) in pm; few insects out.

*Bombus lucorum*, G. & C.

1 = Bluff below chapel. 2. slopes opposite Mr Doyle  
below 1st terrace.

*Bombus terrestris*, *lucorum*, *agrorum* & *terrestris* ♀♀ seen.

*Andrena gurganea* ♀ on dandelion at 2.

*Halictus (albipes or pygmaeus)* 1♀ on dandelion or daisy at 2.

*Euclyptus* *occidentalis*? 2♀♀ beaten off willows at 2.

*Orthocentrus radiatus* 2♀♀ beaten off willows at 1.

*Chrysomelid* sp. ♂ & ♀, in cop. beaten off willow at 1.

Swallows, House & Sand Martins abundant flying over  
the Loder at 1!

[Bombycids heard at Hardt's Cross, DU, on 30/4/32  
at 8 pm.]

1st May 1932. A fine day, but dull with heavy misty clouds  
& SE wind in morning; clearing about 2 pm, after which  
there was considerable sun.

Drove, with Palmer, to Killybegs, Co. WI, & stopped to investigate marsh  
& old sandpit a little west of Newcastle Church, where also  
is a very nice swampy side channel, full of *Salix*, draining  
into part of the Killybegs channel.

1.5.32 cont.

Newcastle - Killybegs, Co. WI. 12-12.30 noon

One blink of sun!

*Bombus terrestris* (George!), *B. lucorum*, *B. agrorum*,

*B. lapidarius*.

*Andrena albicans* ♂♂

1.5.32 cont. Drove on to Deputy's Pass, Co. WI.

Deputy's Pass, WI, 1.30 till 5.0 p.m.

*Bombus lucorum*, *agrorum*, *terrestris* (Palmer!) ♀♀.

*Psithyrus distinctus* ♀

*Vespa vulgaris* ♀.

*Salix fusca* ♀ (Palmer!)

*Andrena praecox* ♂♂ & ♀♀ (Palmer!). *A. albicans* ♂♂.

*A. caesia* ♂ & ♀ seen. *A. jacobae* ♂♂ abundant at Laurel

*A. minutus* ♂ seen, ♀ taken.

*Sphaeroder divinus* ♀ in "garden".

beaten off holly or hazel after tea.

T.P.T.O.



1.5.32 cont. Deputy's Park, WI, cont.

*Andrena* sp.

*Andrena* sp.

*Andrena* sp.

*Halictus* sp.

*Campephilus* sp.

*Orthocentrus* sp.

*Phrygan* sp.

*Phrygan* sp.

*Apanthia* sp.

*Phrygan* sp.

3.5.32. First *Andrena jacobae* ♂♂ & 1 ♀, very fresh, seen in garden at 14, Clareville Rd, Harold's Cross, DU.

First *Apanthia* hatched from cocoons put by H. C. Higgins from plume - with larvae from Seston, Dorset. [Another ♂ at on 4.5.32.]

♂ *Proctotrypid* hatched from Enniskerry logs!

4th May 1932. A fine day, with keen NE breeze; sun very hot. Sun out but mid day dull & afternoon only really sunny after 3.30 pm. Drove via The Dingle to Glen of the Dore. The Dingle, Co. DU. 2.15 till 3.0 pm. Very little sun!

*Andrena albicans* ♂♂ & ♀♀. *A. jacobae* ♂♂

*Bombus lucorum* only 1 ♀ seen. *Halictus rubicundus* ♀.

*Dolerus* sp. 1 ♂ in marsh where *Agrostis* caught & a few other wasps seen in distance.

*Hoplodactylus chrysanthus* 1 ♀ beaten off Blackthorn flowers.

*Andrena* sp. 1 ♂ in marsh.

4.5.32. Glen of the Dore, Co. DU, 3.30 till 5.0 pm.

Much sun! Collected at foot of glen along old mill race.

*Bombus terrestris* 1 ♀. *B. lucorum*, *B. agrorum* ♀♀ seen.

*Andrena albicans* ♂♂ & ♀♀. *A. jacobae* ♂♂ & 1 ♀ (swarming).

*A. minutula* ♂♂ & ♀♀. Almost all *Andrena* on flowers of Wild Garlic.

*Homocidus muricollis* & *H. bipidis* ♂♂ on Garlic, etc.

*Halictus rubicundus* 1 ♀.

*Dolerus aeneus*? 1 ♀

*Blacus campus* *transversus* ♂♂ & ♀. ✓ RCLP.

*Microgaster pallens* ♀ ✓ RCLP.

*Rhyssalus amarus*. Common on Wild-Garlic, etc.

T.T.O.



4. 5. 32 cont. Glen of the Gorms, W.I., cont.

*Pimpla turionellae*, dark or.

Homocidus

H. streuipes 107. Promethes, pulchellus 19.

Several *Camptophyes*: 1 with red, black lined & 1 black & red.

April 20th 1890

8<sup>th</sup> May 1932. A variable day, with low & falling glass; fine  
along coast where an east wind kept the rain driven  
back against the hills. Heavy rain in Dublin & the  
hills almost all day.

Deputies Pass Co. WI, (NE. side as usual). 12.30 till 5.0 pm.

Very little sun, but no rain & sheltered. Spent all time beating laurel (in old garden) & holly & the freshly leaved hazel, birch, beech & oak in the "oak wood" & around the old garden. Very few weevils seen!

Bombus terrestris ♀, B. lucorum ♀♀. B. agrorum ♀♀

B. hortorum 1 large worker (or? very small queen) on primrose.

*Andrena albicans* ♂♂ & ♀ in garden. *A. jacobae* ♂♂ at Laurel.

Very many small Ichneumonids & Braconids taken in beating tray

H. flavolineatus ♂? off Hazel or beech?



Deputy's Pass, W.I. 8.5.32 cont.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Eclytus fontinalis*, 1♂, 1♀.

*Bracon*

*Meloboris*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

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*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

*Bracon*

*Stegomyia*

Stockholm May 5th, 1932.

Dear Mr. Stålman



SAORSCÓC ÉIREANN

Telephone No.:—  
DUBLIN 62286.

ARD-MHÚSAEUM NA h-ÉIREANN  
(National Museum of Ireland),

SRÁID CHILL DARA  
(Kildare Street)

BAILE ÁTHA CLIATH (DUBLIN),.....19.....

to with your list,  
at my old mother's  
about for some  
insects have been  
s. Many thanks  
all. After having  
at it, I put almost  
prime condition.  
a credit for  
mon-♂♂ are not  
not all. From  
one of them is  
hatched. sci-  
only in a note  
- recognized (♂♀)  
cutellum ♂ and  
color of the scu-  
in Asia I have re-  
an interesting spe-  
where the yellow  
all with the dull  
with such a dark





SAORSCÁC ÉIREANN

Telephone No. :—  
DUBLIN 62286.

ÁRD-MHÚSAEUM NA h-ÉIREANN  
(National Museum of Ireland),

SRÁID CHILL DARA  
(Kildare Street)

BAILE ÁTHA CLIATH (DUBLIN),.....19.....

Original description of

Stenomacrus compressus Thoms.

Thomson, Opuscula Ent., p. 24. 36-7.

"C. S. compressus m. Niger, antennis basi et  
pedibus pallidis, postannello fere transverso.

Long. 1 lin.

Obs. A praecedentibus [i.e. S. pusillus Holmgr.]  
corpore parvo, capite thoraceque compressis,  
antennis apice subspiralibus, flagelli articuli  
discretis, pilosulis, 1:0 triangulari quam 2:0  
subtransverso vix longiore, alis radio fere ante  
medium stigmati egrediente."




Stockholm May 5<sup>th</sup>, 1932.

1.

Dear Mr Stelfox,

I am a little late with your list, but the box arrived when I had just lost my old mother, <sup>(aged 84)</sup> so there were other things to think about for some time. Now that I am alone, your specimens have been a useful recreation in the evenings. Many thanks for your kind permission to keep them all. After having very soon broken one *Glypta* in looking at it, I put almost all specimens on new pins. All arrived in prime condition.

At the beginning I must give you credit for your good naming. The yellow *Schneumon*-♂♂ are not easy, but you have succeeded with almost all. From my point of view the most interesting one of them is *Hubblytels longigera* Thu, of which Schmiedekne. evidently has a very hazy idea, for it is only in a note appended to his key. It is always to be recognized (♂♀) by the transverse impression of the scutellum  and the red tip of the hind femora, but the color of the scutellum varies ♂♀ from yellow to black. In Asia I have recognized it from Kautschatka. Another interesting specimen is your *Hubbly. crispatorius* L., where the yellow propodeum is very conspicuous in contrast with the dull red abdomen. I have only 1♀ (Upsala) with such a dark



66. Exochus prosopius ♂/♀ Rathdrum, Co. WI. 6.8.25.

Correct.

67. " pictus ♂/♀ Powerscourt demesne, Co. WI.  
10.9.30.

Correct.

68. " sp.? Bellevue, Co. WI. 23.8.31.

E. prosopius Gr. ♂. Lower end of gaud in your specimens  
with a little yellow.

69. Orthocentrus sp.? 4 on one card! Beaten off Ivy  
68. Hornon (Hedera Helix!). E. of The Scarp, Co. DU.  
29.11.31.

Stenomacrus ? palustris Hgn ♀. First abdominal segm.  
narrower than usual & mostly polished, otherwise agreeing w.  
palustris.

70. Stenichneumon culpator black ♀. Powerscourt  
69. deer park, Co. WI. 18.9.28. I have only seen  
two Irish ♀♀ with any trace of red colour  
on abdomen.

In Sweden the abdomen is rarely quite black, the tibiae  
are usually ± redmarked.

<sup>a</sup>  
Reply May 5<sup>th</sup>, 1932.

A. Roman.



abdomen. Perhaps it is this form that Weernael called *A. xanthus*. Your *Hoplum. maurus* Marsh. is the darkest form existing of the not rare *H. bipinatif. Thbz.* (perniciosus<sup>Chr.</sup>). In Sweden it has sometimes black legs, but never a totally black abdomen. Morphologically there is no difference. With us the smaller *H. armatorius* F. (albifrons<sup>Chr.</sup>) is commoner, & I have seen no intermediate forms, but from central Europe I will remember to have seen one. The *H. maurus* reminds me of another melanism I got from Rev. Johnson. It is a pair of an *Exetastes* (Rostre-  
vor 2/7 30) coloured like *E. nigripes* Chr., but belonging to *E. illuor* Chr. Perhaps you can get specimens from him, if you have not found it yourself. The third remarkable Irish melanism I know of is the very dark *Sten-  
ichu. culpator* Schrk. you sent me, but this form has a wider extension. I have just had an English ♂ from the Fen region for inspection (sent by G. J. Kerrich, Cambridge) & possess a Swedish ♀ (perhaps a shade paler). In these melanisms probably many more your mild but nevertheless raw Gulfstream climate has set its mark. There is a corresponding fauna in E. Asia<sup>N.Y.</sup>, Japan & the Amoor region. We have got a very good sample of it from the Vladivostok district, nearly 2000 Ichneumon



monids taken in 2 months by Mr R. Malaie. I knew him before he travelled there, so when he took sawflies for his own part he remembered me & kept all Ichneumonids he secured at the same time.

The general impression is that of a black-legged fauna, often with the whole abdomen black, too. I should think at least  $\frac{1}{3}$  of the species are European, but sometimes in colour forms difficult to recognize. It is evidently a coastal fauna, though extended pretty far into the country, but the interesting thing is that the climatic conditions resulting in such a dark fauna are partly <sup>the</sup> reverse to yours. The sea around Ireland is temperate all the year, at Vladivostok & N.W. Japan it is icy cold all the year. In summer you have too little sun, at Vladivostok there is plenty of it. Ireland has a moist climate all the year, E. Siberia mostly in spring & autumn, but in spring with violent differences between day & night temperatures.

As to *Ichneumon* it looks as if it had two kinds of  $\delta\delta$ . For several authors mention both sexes of *annictum* without observing any difference in the form of the head. Thomson says he found it in plenty in one locality, but without expressly stating the sex. And of *capitatum* few.



N<sup>o</sup> 39 is correct.

39. Ichneumon extensorius ? <sup>18</sup> ~~20~~ <sup>22</sup> Hurdstown, Co. DO. 1.8.31.

<sup>40</sup> 40. Amblyteles longigena Thunb. This is the first European specimen I have seen outside Scandinavia & Denmark. Is near luctatorius L.

41. Habrocryptus minutorius ♂. Deputy, Pass, Co. WI. 24.7.29.

Correct.

42. " prorectorius ♂. " " " 19.7.29.

Correct.

43-44. Aerocerus (<sup>stylator Thunb.</sup> halobatus) ♂ & ♀. Clara, Co. WI.

♂ on 8.6.26. ♀ on 12.7.26.

Correct.

45. Aphanipterus ruficornis ♂. Glenmore, Co. WA. 29.7.28.

Correct.

46. Agysson sp. f. <sup>Thun</sup> stenostigma ♂. Kileavry, Co. CW. 6.8.29.

Correct.

47. Schizoloma capitatum 1 ♂, 2 ♀♀. Monkstown, Co. MC.

<sup>49</sup> 49. Coll. M.S.D. Westropp.

We have no ♂♂ of Schizoloma. Our 2 ♀♀ (1 ♀ Sweden, 1 Germany) are like yours.

50-51. Leptopygus harpurus 2 ♂♂. "Pine Hill," Mourne, Co. DO. 20.7.31.

Correct.

52-53. Bremastus geminus ♂ & ♀. Kilgorman, Co. WX. 20.8.25.

Correct.

54-55. Homotropus pictus ? ~~2~~ <sup>2</sup> ♀♀. A very common species but does not fit description of any species! From my garden in Dublin ♂ (12.6.31) & ♀ (8.7.31).

Correct. Compared w. type of pumilus Hgn.



there is no  $\phi$  known. Myself I have never found this genus; it does not seem to extend northwards of the beech limit, & that ~~goes~~<sup>follows</sup> in Sweden about the latitude  $57^{\circ}N$ .

Spring has come here, but it is still only early spring with few flowers & no leaves on trees & bushes. As usual here the spring is rather dry, as soon as we get a good rain, the leaves will come out at once. I am free from the Museum till Whitsuntide & intend to stroll a little in the environs on fair days. Insect life is awakening, first of all the hibernators, so I hope not to return empty-handed.

I found the backs of your list handy for answering & hope you will excuse this informal manner.

Yours truly

A. Roman.

P.S. I send you my last paper as sample post.



31. Ichnumon confusorius ♂. Kilkeel, Co. DO. 23.7.31.  
Correct.

32. " terminatorius ♂. Arklow dt., Co. WI. 2.8.25.  
Correct.

33. " validicornis ♂ ♂. Arklow dt., Co. WI. 3.8.25.  
Correct. Found as far east as at Irkutsk in Siberia.

34. " gracilentus ♂ ♂. Our Valley, Co. WI. 4.8.29.  
Correct.

35. " tempestivus ? ♂. Larne Harbour, Co. AN.  
J. albiger W. Tempestivus is only a ♀ var. w. yellow hind tibiae. <sup>noted</sup> 31.7.31.

36. " emancipatus ? ♂. Glen of Imaal, Co. WI. 31.7.27.  
Ichn. insidiosus W. ♂ sec. Thoms.

37. " zonalis ? ♂. Cranfield, Co. DO. 23.7.31.  
Amblyteles erratorius Thurb. (culpat. Cu.) ♂ var.  
This is a var. of the real luctatorius L.

38. " suspicius ? ♂. Kilmalin, Co. WI. 29.7.23.  
Perhaps correct, for I cannot see the elevated costa oralis, but the specimen is very like bucculentus W. ♂.



20. Hoplismenus "maurus Marshall", see Morley, appendin  
at end of vol. V, Brit. Ichneumon.

♀. Borrisokane, Co. NT. Coll. R.A. Phillips. 1.5.30.

Hoplism. bispinatorius Thunb., a remarkable  
black variety.

21-22. Automalus alboguttatus ♂ & ♀. Clara, Co. WI.

♂ on 29.7.29. ♀ on 25.7.30.

Correct, but the white decoration more reduced  
than in Swedish specimens.

23. Proctichneumon fuscipennis ♂. Curracloe, Co. WX  
29.6.30.

Correct.

24. Ichneumon lugens ♀. The Derries, Co. QC. 16.10.27

Under bark!

Correct.

25. " ligatorius (gradarius) ♂. Lunestown, Co. WH.  
5.9.27.

Correct.

26. Tricholabus strigatorius ♂. Portrane, Co. DU. 31.8.28.

Correct, but ♀. In Sweden found to about 62°N.

27. Amblyteles crispatorius var. ♂. The Murrrough, Co. WI.  
4.9.27.

Correct, but mesopl. w. yellow spot w. black centre & propod. all yellow.  
All my ♂♂ have mesopl. without spot & propod. at mid co. & spot on each side. x)

28. " quadripunctatus ♂. Deputy Carr, Co. WI.  
24.7.29.

Correct. Swedish ♂♂ have tergites 2 & 3 or only 3 w. a pair of very small  
spots.

29. " punctus ? var. ♂. Rathmullan, Co. DO.  
3.8.31.

Ichn. gracilicornis Cr. ♂ var., possibly I. stenocerus Thunb.

30. " castanopygus Steph. ♂. Portrane, Co. DU.  
31.8.28.

Correct. Very rare in Sweden.

x) Adv. in your & almost  
all red above. In my ♂♂ the  
middle is broadly yellow  
w. red incisions, tergites 5-7 black.



List of Ichneumonidae given to S. Roman April 1932  
with his remarks.

1-4. Glypta nigrotrochanterata. 1♂ (? this sp.), 3♀♀.

from Cappoquin, Co. WA. 15.8.28. ♂ + ♀

Kilcarrig, Co. CW. 5.8.30. 2♀♀.

The ♂ no doubt correct. The same proportions of abd. & colour of legs.  
A melanistic var., but w. yellow stigma. Coxa, troch. & abd. quite black.

5-8. G. "rostrata" 2♂♂, 2♀♀. Herdstown, Co. DO. 1.8.31.

Glypta bicornis Boie (rostrata Hq.), melanistic var. without frontal hollow.

9-15. G. mensurator 2♂♂ (? this sp.), 5♀♀.

from Kilcarrig, Co. CW. 6.8.29 1♂

" " 5.8.30 2♀♀.

Rathdrum, Co. WI. 13.7.26. ♂ + ♀.

" " 13.7.27. ♀.

Fenagh, Co. CW. 1927. ♀.

The same sp. as nos 1-4, but w. shorter ter. Resembles very much G. crassitarsis Th., which has the ter. still a little shorter. Probably all are vars. of G. mensurator F.

16-17. Melanchneumon persicator ♂ + ♀. Rathdrum, Co. WI. 6.8.25.

Correct.

18. " sanguinator ♀. Upper Liffey, Co. WI. 2.9.27.

Correct.

19. Stenichneumon defraudator (v. castaneus) ♀.

Clara, Co. WI. 23.11.30. Under bark of log!

S. castaneus Gr. w. white tip of scut. Your specimen has the femora more black than in Sweden, where they are sometimes quite red. The white scutellar tip occurs in Sweden too, but is probably commoner southwards.



Mr. Lucas's captures 1932.

Those without locality are from Timoleague, W. Cork.

Pithyrus caesus 2♀♀ of dark form (one from Co. Kerry 14.7.32).

Andrena nigraenea 1♂. A. jacobae 1♀.

A. fucata 2♂♂ 1♀ (1♂ from Bandon!)

Odynerus pictus 2♀♀ (one typical; the other pale banded) from Kerry, 19.7.32.

Crabro leucostomus 1♀. Helictes albipes 2♂♂.

Pompilus nigerimus 1♀.

Nomada marshalliana 1♀. N. goodeniana 1♀.

N. ruficornis 1♂.

Tenthredella ferruginea 1♀ from Co. Kerry, 22.7.32. T. mesomelas 1♀.

Tenthredo areolata 1♂, 2♀♀.

Selandria sericea 1♀.

Hemichroa alni 1♀. Co. Kerry, 22.7.32.

Bimba geminata ♀. Co. Kerry, 22.7.32.

13. Specimen  
collected on  
19<sup>th</sup> & 22<sup>nd</sup> June  
come from "at Glenties"  
by Lake Inchiquin,  
near Keshmone

Cratich. fabricator ♂ & ♀. Ich. sarcitorus 1♂. Stenich. culpator ♀.

Alomyia debellator 2 red ♂♂. Pimpla instigator 1♂ but from Pluvialis pertusae!

Ephialtes tuberculatus 1♀ Co. Kerry, 19.7.32. Henicospilus ramiculus 2♀♀ (1 Co. Kerry, 19.7.32).

Aphanistes ruficornis 3 ♂♂ (Co. Kerry: 19.7.32). Schizoloma capitata? 1♀.

Ophelte glaucopis 1♀, Co. Kerry, 19.7.32. Cataglyphis? ♀.

Lamproloma? ♀. Lissonota? ♂.



List of iks given to Dr. Roman: April 1932.

- Glypta nigriventris* ♂? 3♀♀ { Clippogin, 15.8.28 ♂ & ♀  
Kilcarny, 5.8.30. 2♀♀.  
" *rostrata* 2♂♂ 2♀♀. Herdston. 1.8.31.  
" *membrata* 2♂♂? 5♀♀ { Kilcarny, 6.8.29. ♂? nigriventris.  
Rathdrum, 5.8.30. 2♀♀.  
13.7.26 ♂ & ♀.  
12.7.29 ♀. Finnyl. 27.9.  
*Melanichneumon perscrutator* ♂ & ♀. Rathdrum, 6.8.25.  
" *sanguinator* ♀. W. Killy. 29.27. ♀.  
*Stenichneumon defraudator* (v. of castaneus). ♀. Clara 23.11.30. ♀.  
" *culpeator*, Keshm. ♀. Boreenacott Bk. 18.9.28.  
*Hoplismenus maurus* Marshall ♀. Boreenacott. 1.5.30.  
*Automolus atropattatus* ♂ & ♀ { Clara 29.7.29. ♂  
" 25.7.30. ♀.  
*Proctichneumon fuscipennis* ♂ & ♀. Boreenacott. 29.6.30.  
[*Ichneumon luteus* ♀. The Derrin. 16.10.27.] trs. to end  
" *gradarius* ♂. Luncston. 5.9.27.  
*Tricholabus strigatorius*. Portman 31.8.28.  
*Amphylex crispatorius* ♂. The Derrin. 4.9.27.  
" *quadripunctatus* ♂. Deputy's Pann. 24.7.29.  
" *punctus*? ♂. Rathmullan. 3.8.31.  
" *castaneipylus* ♂. Portman. 3.8.28.  
*Ichneumon confusus* ♂. Kilkil. Kilkil. 23.7.31.  
" *terminatorius* ♂. Arklow dt. 2.8.25.  
" *validicornis*? ♂. Arklow dt. 3.8.25.  
" *precubentia*? ♂. Old Valley 4.8.29.  
" *torpescens*? ♂. Larne Harb. 31.7.31.  
" *emacipatus*? ♂. Glen of Linn. 31.7.27.





BAORSCÁC ÉIREANN

Telephone No. :—  
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ÁRD-MHÚSAEUM NA h-ÉIREANN  
(National Museum of Ireland),

SRÁID CHILL DARA  
(Kildare Street)

BAILE ÁTHA CLIATH (DUBLIN),.....19.....

List of aculeates taken by  
Rev. Canon G. Forte at  
Droghda, W.D. = Aug. 1931.

Vespa rufa ♂, Halictus calceator, <sup>3♂♂</sup> 2♀♀.

H. albipes, <sup>2♀♀</sup> H. freygessneri 1♀.

Andrena grynana, 2♂♂, 10♂, 9♀♀.

A. coitana 3♀♀.

Nomada obtusifrons ♂ & 4♀♀, very small.

Salix exaltatus 1 small ♀.

Crabro varius 3♀♀.



[illegible]



Deputy's Pass, WI. 8.5.32 cont.

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Eclipta fontinalis*, 1♂, 1♀.

*Bracon* sp.

*Meteorus* sp. 1♂ (albida?)

*Phaenocarpa* sp. 1♂

*Bracon* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

*Chalcid* sp. 1♂

9th May 1932. First sawflies emerged in breeding pots!

Pot A. Ex larvae on alder, Kelly's Glen, DU. 18.10.31.

2♀♀ *Hemichroa crocea* [another♀ the following morning, put on alder in garden]

Pot H. Ex green larvae with red dorsal stripe, on Salix, in

Glencely oak-wood, G.WI, on 25.10.32.

1♀ *Chalcid* sp. 1♂, 1♀, 1♂, 1♀

*Apanteles* sp. 1♂, ex plume moth, taken by H.C. Higgins at  
Isle of Wight.

Whit Week-end Holiday 1932.

13th May 1932. Left Dublin at 3-30 & drove to  
Duncannon, Co. WX, via Arklow, Enniscorthy  
& New Ross. Caught ♀ *Eupria tridens* <sup>✓ RCLB?</sup> in car at  
Little Bray, Co. DU.; *Aphidius* ♂ in car  
somewhere in Co. Wicklow; stopped at bridge below  
Bray Cottage, 1 mile SW of Camolin, Co. WX, &  
beat Blackthorn flower, which yielded <sup>six</sup> ~~about~~ ♂

~~was~~ hymenoptera:-

*Chorineura talpa* Hal.

*Apanteles*

♂



14<sup>th</sup> May 1932. A misty day with strong westerly wind, but much sun in afternoon. Warm.

Drove from Guncannon to head of Barrow Bay & collected for an hour along edge of estuary at Nelson's Bridge (near Wellington Br.)

11-30 till 12-30. Nelson's Bridge: <sup>G.W.X.</sup> no real sun.

*Andrena albicans* ♂♂, 1 ♀ at Salix. *A. praecox* ♂♂ & ♀♀.

*A. punctata* 1 ♂. [*A. minutella*? seen]

*Halictus calceolus* 1 ♀ on Salix. *H. nitidus* ♀♀.

*Norada mackhamella* ♀.

*Dolerus* *strepens*? 1 ♂ in spiders web in marsh.

*Hoplacampa ruficornis* ♂. *Empria pumila* 1 ♂. } 3 at Salix, + *Empria*

*Amauronematus* (leucolus?) ♀ ✓ RCLP. *Pontania* sp. ♀

*Pachyneurina* ♂. *Pachyneurina* ♂. *Pachyneurina* ♂. *Pachyneurina* ♂.

14/5/32 cont. Next drove on to Kilmore Quay & spent the afternoon in Ballyteige Burrows, G.W.X.

Ballyteige Burrows: 1.30 till 5.0 pm.

*Bombus lucorum* 1 ♀. *B. muscorum* 2 ♀♀. *B. dussumieri* 1 ♀.

*Osmia aurulenta*, very fresh ♂♂ & 1 ♀ on *Viola canina* & "cuneata" & 1 ♂ on *Taraxacum*.

*Andrena viridis* ♂♂ very fresh.

*Halictus rubicundus* & *H. calceolus* ♀♀

Cocoon found in dunes from which emerged a small ♂ *Sphenobothrus* on 14/6/32!

Ballyteige Burrows, WX, 14.5.32 cont.

*Myrmica scabrinodis* & *myrmica* ♀♀.

*Dolerus*.

[I evening collected one *Rhagoletis* & 1 *Proctos* on *Alexanders* & *Dianthus* Fort, G.W.X.]

15<sup>th</sup> May 1932. Very calm, very warm, very dull: no sun till 7.30 pm: barometer low & falling all day. Very little flying & not more than a dozen *Bombus* seen all day. All G.W.X.

Drove from Guncannon north-east via Haggard Bridge, Aughoy Bridge (2 miles E. of Slieve Donard), Carragh, to railway between Berkeby Forest Ho. & Ballygarra (on R. Barrow). Stopped to beat Salix by the roadside just S. of Aughoy Br. (=1) & here took on ick, a *Pierostigma* ♀ on the alder. Next stopped S. of Bushenstown (=2) where took several



15/5/32 cont. Co. WX

icks at Lathorn <sup>(not in flower)</sup> mycamore, or beaten at  
 spruce (1 sapling & several small icks!). Then drove  
 on to railway & collected for several hours  
 by stream & just above (slate quarry) & below (old  
 road, Lathorn &c.) first of three railway bridges E. of  
 Ballyanne (= 3). Drove on towards Collmowaty  
 about 3.30 pm, E. to Ballygrillan station & stopped  
 for an hour about half way down valley to Collmowaty.  
 Saw good meadowy land, Salix, &c. (= 4): here west  
 of valley (thence to railway) discovered two lovely  
 sand-pits, practically disused, in mound of glacial  
 drift, at about 250 feet alt.: drift largely granite  
 with current bedded sandy beds (very important  
 in view of J.K. Charlesworth's views that this is  
 some distance south of the last glaciation. Very  
 good ground seen about Collmowaty of only many  
 rather could be met with!

*Bombus lucorum* a few ♀♀ seen at 2, 3 & 4

*B. hortorum* ♀♀ seen at 2 & 3. *B. agrorum* ♀ at 3.

*Andrena albicans* ♂♂ at 2, 3 & 4, 1 ♀ at 3.

*Halictus fuscus* 1 ♀ on Primrose at 2.

15.5.32 cont. Co. WX.

Surflies:—

At 2 *Lygaeonotus abietinus* <sup>✓ RCLB?</sup> ♂, beaten out of Spruce? Also 1 ♀ *Dol. aeneus*!

At 3. *Pontania* <sup>✓ RCLB?</sup> aff. 2 ♂♂, beaten out of Salix by river.

*Hypocampa chrysorrhoea* <sup>✓ RCLB?</sup> ♀♀ beaten off Huckleberry from  
 in old lane - & also? 2 on Cherry blossom.

*Prithphora* <sup>✓ RCLB?</sup> 1 ♂, in slate quarry.

*Promethes laticarpus* 1 ♂ at 3.

[On evening of 15/5/32 several *Doleri* ♂♂ & ♀♀ seen resting on grass  
 along edge of cliff at S. side of Duncannon strand, Co. WX. 7.30-9.0 P.M.  
*Dolerus aeneus* ♂♂ & ♀♀. *D. picipes* ♂ & ♀. *D. nigratus* ♂.



16<sup>th</sup> May 1932. A beautiful day, sun & almost all sunny; some showers (?thunder) over the midlands; yet very few insects met with & in some places none to speak of. Most disappointing!

Left Duncannon, UX, at 10.30 A.M. & drove to Dublin via New Ross, Thomastown, Leiflin Bridge & Carlov. stopped to collect (or investigate) at

1. Marsh just south of Dunbrody Abbey [nothing taken!] } Co. UX
2. Shore of estuary (on N. side) opposite Dunbrody Abbey & along boundary of Kilnashock Ho. estate. }
3. Glen of the Blodigagh River (S. slope of Brandon Hill), 4 miles SE. of Inistioge, Co. KK. Here much nice ground for later in year.
4. Sandpit in field between road & river about <sup>1/2</sup> mile S. of Inistioge (N. Woodstock), Co. KK. [nothing taken here].
5. Also many stumps seen just south of same place!
5. Old quarry by road, near Legan, about 1 mile N. of Thomastown, Co. KK. Only species taken here was 1 ♀ *Halictus nitidusculum* but very likely to produce more later in year.
6. Old sand pit in field, between road & railway, about 1 mile N. of Bennetts bridge, Co. KK. *Sphaerocera* (small ♀) & small *Halictus* seen, but nothing taken here.

16/5/32 cont.

7. Railway at Maddochstown, at bridge 1/4 mile S. of junction, Co. KK., near where I took *Andrena fulva* in April 192. Only species seen here were *Andrena albicans* ♂♂ & a few *Bombi*.

11.0 to 12.0 A.M. (16/5/32) Shore at Dunbrody Abbey, Co. UX (= station No. 2)

*Andrena nigroaenea*, very fresh ♂♂.

*Andrena* ~~sp.~~

*Halictus punctatissimus* ♀♀ (at gorse!)

*H. leucopus* 1 ♀.

*Nomada* ~~sp.~~

*Pimpla turinellae* 100. Several other ich.

*Bombus lapidarius*  
*B. lucorum*  
*B. agrorum*  
*B. hortorum* ♀♀

16/5/32 cont. Glen of the Blodigagh river, Co. Wick  
= station No. 3!  
1.0 till 2.30 pm.

*Bombus lucorum*, *hortorum* & *agrorum* ♀♀.

*Andrena albicans* ♂♂.

*Andrena* ~~sp.~~ 100 flying over blue bells.







20/5/32 cont. Dents Glen, cont.

*Pimpla* sp.

*Dysommia* sp. (single specimen)

*Plectiscus* sp.

*Theridion* sp.

*Tryphon* sp. (many specimens 10 & 12 (very small) by the Z road).

*Microgaster* sp. (many specimens)

*Homocidus* sp. (several specimens)

*Chalcid* sp.

*Ichneumon* sp. (several specimens)

*Abyscia* sp. (several specimens)

*Proctos* sp. (several specimens)

*Chalcid* sp. (several specimens)

22 May 1932. A dull, warm day, with shower after 2 pm. [Heavy rain in Dublin & over the hills!] No sun!

The Murrumbidgee, S. of Newcastle station G.W.I. 11.30 till 2 pm.

*Bombus lucorum*, *muscorum* (common), *lapidarius*, *agrorum*

*B. desertorum* ♀♀ seen.

About half-a-dozen small wasps (? *Euclyptus*) & a dozen ichneumonids beaten off *Salix*, *Betula* &c in the marsh, but practically nothing seen flying.

*Orthocentrus radialis* ♀ on block of stone in station.

*Promethes* indicator 107 (carded).

22/5/32 cont. 3.0 till 5.0 pm. Roadside (lane) N. of Killough (leading to Arkford!), G.W.I. Showery!

*Bombus terrestris*, *lucorum*, *agrorum* & *terrestris* ♀♀

*Andrena jacobae* ♀♀ seen by Palmer.

Many small ichneumonids & braconids taken along hedges on sheltered side of road.

*Brachymeria* sp. (several specimens)

*Stenomacrus* sp. (several specimens)

*Chalcid* sp. (several specimens)







27<sup>th</sup> May 1932. A dull mild day, no wind & practically no sun.

Poussant deer park, Co. WI. with E. O'Mahony.

11.0 AM till 5.30 pm.

Spent the day beating, chiefly oak. Worked up west slope to the Mountain cliffs, over top of waterfall & down stream on right bank of river.

*Bombus lucorum*, *Andrena albicans* ♂ & ♀, *A. pectorator* ♂ & ♀, *Vespa sylvestris* & *vulgaris* ♀♀ seen.

*Anteon* *lucorum* ♂ & ♀.

*G. ab. 2000*. Most beaten off Hawthorn & Birch on top of the Mountain cliffs. alt. about 1,000 feet.

Few Braconids seen all day!

*Colletes braconius* 1 ♂. *Sigalphus* 1 ♀.

*Rhyssalus circumscriptus* 2. *Microgaster*

*Phaenocarpa* ♂ & ♀.

*Schneuwiedae* in great abundance, mostly beaten, but many also seen flying about the oaks & some then captured.

*Eucerus albicans* 1 ♂ beaten off oak below Mountain cliffs.

*Polyblastus* ♂ & ♀.

*Chryseid* ♂ & ♀. *Phaenocarpa* ♂ & ♀.

*Optinus* ♂ & ♀. *Phaenocarpa* ♂ & ♀. *Phaenocarpa* ♂ & ♀. *Phaenocarpa* ♂ & ♀.

at one saw nothing.

27/5/32 cont. Poussant deer park cont.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Homocidus* *peripatus* 1 ♂ & ♀. *H. pallipes* 1 ♂.

*Promethes* *cognatus* ♂ & ♀. *P. pulchellus* 2 ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.

*Phaenocarpa* ♂ & ♀.



27/5/32 cont. Powerscourt deer park cont.

Pteronidea poecilota <sup>✓ PCLO.</sup> ♀ by river 1/2 mile below fall! { var. with  
sternum  
partly black.

*Trichiocampus eradiatus* ♀ <sup>✓ PCLB</sup> *Hopllocampa uttilicornis* ♀ <sup>✓ PCLB</sup> <sup>✓ PCLB</sup>

29<sup>th</sup> May 1932. A continued wet day, with  
S.W. wind inland at Torm, S.W.; but  
fine to the west of the place, the sun seen  
in late afternoon. 4.40 to 5.00.

Drove to Twin, ME., & collected for the day  
about the afternoon. New term bridges, to be

The "jam" on the road to become spotted &  
heavy rain came on at 12.30. Left about  
dawn next morning. At 11.30 into the bush  
(=WH) to a densest plantation of *Podocarpus* at Ballinacorney.

Hoplocampa pectoralis ♂ + 2♀♀ + Dineura stylata <sup>VRCLB.</sup> ♂, beaten off Lanthorn



29.5.32 cont. Ballybeg, cont.  
*Pachynotus aductus* v. *conductus* ♀ ✓ RCLP.  
*Dixura testaceipes* ♀, one with  
 one taken on rose 'bush'.  
*Pteronides* n. sp. from Devil's Glen, WI "probably" R.C.L.P., 10 at Salix  
 2 = *P. fuscicornis* Bennett (file 133.1436)!

*Promethes laticarpus* 3088? : one of which is nearly all black! *P. cognatus* 9008, 19.  
*Homocidus pallipes* 3088.

*Argemone* 19.  
*Chalcid* 19.

29.5.32 cont. Same as Ballybeg, cont.  
*Bombus lucorum*, *terrestris*, *agrorum* ♀♂  
*B. jonellus* ♀♀ *Psithyrus quadricolor* <sup>ANS</sup> 19.  
*Andrena lapponica* 3088 *Vaccinia* (Ballybeg).  
*Pamphilius hirticornis* 19.  
*Tenthredella ferruginea* ♀  
*Lineura rufidorsata* 3088 & ♀♀ abundant on 22.5.32  
 esp. beaten off birch.  
*Hoplocampa alpina* <sup>✓ RCLP</sup> 699 beaten off flowers of *Rosa*  
 (*R. canina*). NEAR to Devil's Glen!

29.5.32 cont. Ballybeg, cont.  
*Dixura* 1088 *Empria klugi* large ♀ ✓ RCLP.  
*Rhyssalus* 1088 *Rhyssalus* 1088 ✓ RCLP.

*Homocidus pallipes* ♀.

Five *Chalcids* on Ballybeg, 19.  
*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.

*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.  
*Chalcid* 19.

30th May, 1932. Ballybeg, cont.  
*Chalcid* 19.  
*Chalcid* 19.

Also 10' of black-bodied form of *Homocidus*, *cinctus*, in garden on 16/22, 7 rich a ♀ was taken on 3/8/32.



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1<sup>st</sup> June 1932. A perfect day in Lupton, but between  
'Lundrum and GreyStone' a jam covered the sun & there  
was rain in spots during the afternoon.

Drove to Rocky Valley, Co. WI. arriving there at 2.45  
 & just after sun had been obscured. Saw the last  
 of the bees come home to bed; then drove on to foot  
 of the Glen of the Down, Co. WI., where my van &  
 sheltered, & beat trees for half an hour.

Rocky Valley, Wt.

Andrena cineraria Fresh ♂♂ + 1♀. A. fucata Fresh ♀

C. angustior 1 ♀ seen coming home laden with yellow pollen

*Halictus rubicundus*

Pachynematus vagus <sup>♀</sup> swept in marsh between roads.

Strongylopus lineata ♀ seen on track.

Glen of the Dorn, W.I.

Tenthredella linda very black & beaten off beech.

*Thrinax maculata* ♀ hater. *Pteronidea myrsotidis* ? ♀ hater.

Prisphrasa tener ♂, herten!

Very curious & interesting. I have found  
~~nothing~~ <sup>nothing</sup> of any value in the same place.

= *Stenomacrus* ? 2 spp.

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1. cont.

of Larkham?

*A. macrodonum*.

little men over  
coast & W. unit

at top of Bryozoa  
and flat 1 mile  
in. = 1 Spent

da grove & walked

$= 2$ . *Don*

old road to Luragh

$$4 - 30 \text{ to } 5.30 = 3.$$

4 Sabi. cinerea 100

ask flower at same  
insects beating off ab,

William  
S. G. 29.



from Self

14/10

Smurpholite

115. No. 24. 07 cm. 4.5.32

from no. 24

with 37. 14/10

from 14/10

19.6.31

11.5.32

Red Mountain (North & West side)

14/10

24.6.32

from 14/10



✓ = registered!

E. F. Bullock's captures  
from Killarney district, NK.

Returned 19.11.1932.

NB. In letter dated 3/12/32 Bullock states that the specimen labelled "Woodlawn" came from two weedy fields bordered by the R. Flusk stone which was used as a cricket & football ground, across which we now cut drains.

Bethylus fuscicornis 11 exx.

Myrmica ruginodis ♂ + ♀. Lasius niger ♂, ♀ + ♀♀. Ballent Pit. ♂ dated 9.7.29.

Leptothorax acervorum. ♀ + ♀♀. "Guitane. 6.32", "At Derrycunihy. 7.31. Under stone".

✓ Andrena clarkella 2 ♂♂. "Killarney: willow" "7.3.29".

Nomada rufipes 1 ♂, 2 ♀♀. ♂ "Woodlawn. 8.29"; ♀♀ "Mangerton 22.9.32".

N. marshamella 1 ♂, 3 ♀♀. Sphex divinus 1 ♀.

✓ N. hillana 1 ♀. "Woodlawn. 6.29". Crabro peltarius 1 ♂, 3 ♀♀. "Woodlawn. 8.29".

Mellinus arvensis 2 ♂♂. Crabro caripous 3 ♂♂.

✓ Nomada obtusifrons 2 ♂♂, 3 ♀♀. "Woodlawn. 6.29".

Pemphredon lugubris 1 ♂. "K. 7.30". Nomada flavipunctata 2 ♀♀. "Woodlawn. 6.29" + "21.6.30".

Crabro chrysostomus 1 ♂. Myrmica melanocephala 1 ♂. "Woodlawn. 6.29".

Crabro vagus 1 ♀. "Woodlawn. 7.30". C. cetratus 1 ♀. "L. side, Killarney. 6.7.30".

Lindernius albilabris 1 ♂, 5 ♀♀. First Irish <sup>correct</sup> record. "Woodlawn, 30.6.30 (♂), and

"6.29", 23.6.29 (♀♀) 1 ♂ +

Odynerus rinctus 3 ♀♀. "Woodlawn 6.29" + "23.6.30".

Parasaloecus monilicornis 1 ♀. "Woodlawn. 6.29".



- Halictus calceatus 1♀. H. albipes 1♂ 3♀♀. H. tumulorum 3♀♀. ✓  
Crabro quadrimaculatus 1♂. Andrena coitana 1♂, 4♀♀.  
✓ Halictus villosulus 4♀♀ "Woodlawn 6.7.29."  
✓ H. nitidiusculus 1♂, "Ballast-Pit. 13.8.30." ✓ H. leucopus 1♀. "Woodlawn 25.6.29."  
✓ Andrena saundersella 2♀♀. ✓ A. rubropaca 2♀♀.  
✓ A. minutula, 2-1 brood, 2♀♀. "Woodlawn. 6.29."  
✓ A. marginata 1♂. "Woodlawn. 8.29." not registered!  
Salix exaltatus 4♂♂, 1♀. Crabro palmipes (?) 1♀  
✓ Crabro varius 4♂♂, 1♀.  
Sphex affinis 1♂, 2♀♀.
-



List of species from Killarney district  
returned named to E. F. Bullock on 6/12/32.

Crabro dimidiatus, 5♂♂, 1♀. C. peltatus 1♂, 10♀♀, C. IV-maculatus <sup>3♂♂,</sup> 6♀♀,  
Nomada hibernica, 2♀♀, Crabro vagus 1♂, C. chrysotomus 5♂♂, 3♀♀,  
Mellinus arvensis 4♂♂, Nomada marshamella ♂♂ & ♀♀,  
Crabro claviger 1♂, Nomada ruficornis 1♂, 2♀♀, N. flavoguttata 5♀♀,  
N. livida 2♀♀, N. obtusifrons 3♀♀, Crabro carifrons 5♂♂,  
Hylaeus confusus 1♂, Crabro cetratus 1♀, Hylaeus minutus 1♂ <sup>"Gap of Bumble 7.7.29"</sup>,  
Halictus rubicundus 2♂♂, Andrena sericea 1♂, A. coitana 1♂, 3♀♀,  
H. calceatus 1♂, 1♀, H. albipes 6♂♂, H. freygessneri 1♀,  
Nomada fabriciana 1♀, Halictus villorulus 1♀,  
H. leucopus 2♀♀, Andrena subopaca 1♀, Sphex densus <sup>1♂,</sup> 6♀♀,  
Sph. affinis 3♀♀, Crabro tibialis 1♀, C. varius 5♂♂, 2♀♀,  
[Lindernia albilabris 1♀ kept.]





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SAORSTÁT ÉIREANN

BAILE ÁTHA CLIATH  
(Dublin).

2



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1st June 1932. A perfect day in Liphig, but between  
Dundrum and Greystown a jam covered the sun & there  
was rain in spots during the afternoon.

Drove to Rocky Valley, Co. WI. arriving there at 2.45  
& just after sun had been obscured. Saw the last  
of the bees come home to bed; then drove on to foot  
of the Glen of the Down, Co. WI. Here my van &  
sheltered, & beat trees for half an hour.

Rocky Valley, WI.

*Andrena cineraria* fresh ♂♂ & 1♀. *A. pectora* fresh ♀

*A. angustior* 1♀ seen coming home laden with yellow pollen.

*Halictus rubicundus*

*Pachyschelus vagans* ♂, swept in marsh between roads.

*Stenoglossus lineata* ♀ seen on bracken.

Glen of the Down, WI.

*Tenthredella lineata* very black ♀ beaten off beech.

*Thrinax maculosa* ♀ beaten. *Pteronidea myrtilidis*? ♀ beaten.

*Phosphorodes tenebris* ♂, beaten!

Very curious ♀ seen near Dundrum, & also seen by road  
below Barry Bridge; has raised abdomen like ♀.

*Orthocentrus* ♂ & ♀, beaten. *Stenomacrus* ♂ & ♀.

*Stenomacrus* ? 2 spp.

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1.6.32 cont. Glen of the Down, WI. cont.

*Homocidus flavipennis* <sup>lignata</sup> (AWS. 20.3.32) ♀ beaten off last thorn?

*H. ligulata* 1♀, beaten off beech?

*H. ligulata* ♂, beaten off beech?

*Promethes cognatus* 1♀. *P. calceatus*? 1♀ var. with black mesonotum.

*Promethes cognatus* ♂, beaten off beech?

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5th June 1932. A warm day but with little sun owing  
to a jam caused by E. wind along coast & W. wind  
over mountains.

Clara (vale of), Co. WI. Left car at top of Bonybrann  
woods & walked through oak wood to sand flat 1 mile  
below Clara Bridge, 12 noon till 1.30 pm. = 1. Spent

afternoon about sand flat, the Osmondia grove & walked  
back up to car, 1-30 till 4.0 pm = 2. Drove

home & stopped for an hour. Drove old road to Lough  
crosses glen of "Ballybeg" brook, 4.30 till 5.30 = 3.

At last station (3) most insects beaten off *Sabir cinerea* 100  
yards above the road; a few off mt. ash flowers at same  
place. At station 1 & 2 most insects beaten off oak,  
or birch. T. P. O.



Clara cont. S. 6. 32.

*Bombus lucorum* a few ♀♀ seen, 1 + 2. *B. agrorum* ♀♀ at 1 + 2.

*Vespa rufa* ♀♀ at 1 + 2, 1 ♀ beaten out of bird.

*Andrena cineraria* ♂ seen during short-run bird { birds at 3.

*Tenthredella ferruginea* + *atra* ♀♀ seen on *Salix* at 3.

*Pontania leucospis* ♀ off bird at 1 (?): pale head!

*Pontania leucosticta* 2 ♂♂ off *Salix* at 3; also 3 ♀♀ not seen by RCLB.

*Athalia lineolata* 1 ♀ (5/3/32) swept by C.O.M. at 2.

*Bethylidae*. Several seen on *Salix* at 1.

*Ichneumon reticornis* 1 ♀ beaten off hazel bush at W. side of the Ormonds glade at 1. Agrees exactly with the ♂♂ taken previously in Clara oak wood !!!

Several other *Ichneumon* spp. seen on *Salix* at 1.

*Chalcididae* *Myrmica* 1 ♂ at 1 + 2; 1 ♀ at 1.

*Chalcididae* *Myrmica* 1 ♂ at 1 + 2; 1 ♀ at 1.

*Ichneumon reticornis* 2 ♀♀ at 1.

*Promethes cognatus* 1 ♂. *P. pulchellus* 1 ♂, 2 ♀♀. *P. dorsalis*? 1 ♂, with black vittae on femora beneath! all at 1.  
*Homocidus pallipes* 1 ♂ at 1. Another ♂ at 3. *H. biguttatus* 1 ♂ at 3. *P. pulchellus* 1 ♂ at 2. + 2 ♂♂ at 3.  
Note: these two ♀ may be *laticarpus*, var. with black maculation.

7th June 1932. A fine day after a sunny morning:

sun bursts till lunch time, but quite sunless after 2 pm.

A keen northerly breeze in morning; much warmer + W. wind later.

Plateau about the source of the R. Liffey, Co. WI, ca 1700-1700 feet alt., with E. O'Mahony + A.W. O'Murphyham!

"Liffey Head" 11.20 AM till 4.30 P.M.

*Bombus lucorum* several ♀♀ seen searching for nest site.

*Dolerus aeneus* ♂♂ + ♀♀. *Blennocampa rubicunda* ♂ swept along *B. tenuicornis* ♂ RCLB. ruin!

Many ichneumonidae + braconidae, etc., collected on surface of pools + still alive!

*Glypta* *laevigata* ♂♂ abundant - + several ♂♂.

*Lissonota maydelensis* 1 ♀ in pool near "broken Pond (O'Mahony)

Also 1 ♂ at 11.20 AM seen by Roman!



7.6.32. Liffey Head, WI, cont.

*Cryptopimpla areolaris* 1 ♂, but ♀♀ common; some taken on  
open moss below Liffey bridge & sweeping, others floating  
on pools' surface above bridge (E.O.M. & A.U.S.).

*Chalcid* 1 ♂

*Stenobothrus* 1 ♂

*Stenobothrus* 1 ♂

*Stenobothrus* 1 ♂

*Stenobothrus* 1 ♂

*Stenobothrus* 1 ♂

*Stenobothrus* 1 ♂

7.6.32 5 till 6.15 pm. Scrub & roadside just below  
Kippure Lodge, Athdown district, Co. WI. Mostly taken  
out of oak or birch.

*Tenthredopsis* 1 ♂

*Empria klugii* ♂ & ♀. *E. excisa* ♂ ✓ RCLP.

*Hemiteles pallipes* 2 ♂♂. 1 ♂. *Stenobothrus* 1 ♂

*Mesochorus* 2 ♀♀.

*Sphaceloptera repens* 1 ♂.

Very small, dull. Blackish. ? Tryphonid.

*Hemiteles* 1 ♂. ♀. red abd.

♂ *Cryptid* superficially like *Leptocryptus*

8th June 1932. Garden at Nayfield, Hertfordshire,  
Herts. *Crabro varius* ♂ & ♀♀ first seen 1932  
[Hatched out of sticks brought from Enniskerry, WI on  
1 ♀ *Phidippus scissuratus*. Also 2 *Mesochorus*  
ex *Pteronides* larvae from Ashdown Forest, Sussex.]

8th June 1932. 4.0 till 5.0 pm. Beaten off lime trees at  
foot of Glen of the Drom, below Baring's Bridge, Co. WI.

[11th June 1932. J. G. F. Palmer discovered a great colony of  
*Andrena carlinaria* in old sand-pit at Skerries station, Co. DU.  
a place we had long hoped to visit on a fine day! A.U.S.]



12th June 1932. Common in the valley of the  
 river, the only place where it is common  
 in Glamorgan being the area between the  
 two to conflict of 2.5 & 3.5 miles. It is  
 Slade Brook, Upper Glamorgan, 2.5 miles.  
 11.30 till 5.30 pm. Before lunch started at the  
 bank of river up to the gorge; after lunch  
 right bank in shelter of ditch at top of the valley area of  
 Bombyx terrestris, yucca & Lepidoptera. A few  
 Bombyx terrestris, yucca & Lepidoptera. A few  
 Andrena lapidaria 99 found. A few  
 A. antipodum 99 also found.  
 Habia fagorum 100 found. A few  
 Spizella monticola 99 found. A few

Tenthredella ferruginea typical & abundant in gorge  
 T. palliata 99 seen.  
 Pachypterus antipodum 99 seen.  
 Otocoris 99 seen & last of timber seen.  
 Selandria junstburgensis <sup>✓ RCLP</sup> ♀ at 2.

Empria immersa <sup>✓ RCLP</sup> ♂ & ♀ at 1, off Salix. Empria exilis <sup>✓ RCLP</sup> ♂ at 1.

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Promethes cognatus 100 at 2. Homocidus pallipes 100 at 1; 200 at 2. H. pectorator 100 at 1 with  
 yellow in white of scutellum.

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15th June 1932. Still perfect summer weather.  
 2.0 till 6.0 pm. Deerpark at Powerscourt, Co. WI.  
 with J. H. Halbert.

Very disappointing! Not many insects about - caught  
 numerous *Cratichneumon* round oaks, & c. Hardly any  
*Hemiptera* for Halbert. There were hundreds on  
 29th May.

*Bombus lucorum* ♀♀, *B. hortorum* 1 ♂ at pagoda, S. apron.  
*Andrena fucata* ♂♂. *Halictus pygmaeus* ♀♀ seen.

*Homada* seen (probably *republicana*).  
*Tyrannus* *sp.* 1 ♂ by mill race near source.

*Leucocera reticularis* 1 ♂ beaten out of Hawthorn flower.

*Pimpla maculata* 2 ♀♀ not seen. *P. eximia* -

*Phyllocolpa* -

*Longhorn* -

at

*Promethes sulcator* 1 ♂?

1. 1st day of fly shooting. Halbert  
 after 1st day of shooting. Halbert  
 in the afternoon. Halbert  
 K. 5 flying  
 2. 3 flies seen. Halbert  
 on 1st day of fly shooting. Halbert  
 3 flies seen. Halbert  
 on 1st day of fly shooting. Halbert

with E. wind; dull during  
 & sunny from 3.30 onwards.  
 from till 5.30 pm, with  
 & J. Roche, & E. O'Mahony.  
 road before lunch (=1) & below  
 camp & under Beech Fern

& *musca* ♀♀ only seen; ♀♀ of *gnat*  
 road on way up to fall at 1.  
 below road to 2.  
 with last.  
 ? associated with *A. leppowia*  
 also about though not seen.

*linida* at 2.

2. *Empria klugii* ♂. *P. immensa* 2 ♀♀  
*Eucra* (probably *ulicatus*) ♂ & ♀ letter, 27.1.33.  
 ♀ at 2. { *P. chitellatus* ♀ at 1  
*P. a. anthracinus* group. }  
 red & black ♀ at 1; there I  
 and ♀ "innocent", but missed it.  
 at 1, or better.  
*salix* at 2.

Please note and return this paper to me with your  
 remarks, if any, and in the case of Loans or Gifts with  
 the usual receipt or Thank form.

To the Chief Clerk.

Chief Clerk and Second Officer.

Date

12th June 1932. Halbert to the 1st day of fly shooting.



K. 5 glückwünsche  
 1. K. 5 glückwünsche  
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 8. K. 5 glückwünsche  
 9. K. 5 glückwünsche  
 10. K. 5 glückwünsche

\*To \_\_\_\_\_

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 remarks, if any, and in the case of Loans or Gifts with  
 the usual receipt or Thank form.

Chief Clerk and Second Officer.

Date \_\_\_\_\_

To the Chief Clerk.



P. 10.

- Nedineptera Kieff.

Chidstone subepta  
Walker

Walker Ent. 1832, p. 133

Walker Ent. mag. 1835  
II, 117.

Diapriid

Platymischus

dilatatus Walker

Kieff. 1893, 1 -

Keule der Antenne 7 + gliedrig  
= dilatatus

Schild = prothorax K.  
proth. Heligoland

Monelata (= Basilus) parvula Wk

? = parvula Decc. (Dallator)

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15<sup>th</sup> June 1932. Still perfect summer weather.

2.0 till 6.0 pm. Deerpark at Powerscourt, Co. WI.  
with J. H. Halbert.

Very disappointing! Not many insects about - caught  
numerous *Cratichneumon* round oaks, & c. Hardly any  
Hemiptera for Halbert. There were hundreds on  
29<sup>th</sup> May.

*Bombus lucorum* ♀♀, *B. hortorum* 1 ♂ at pagoda, S. apron.  
*Andrena fucata* ♂♂. *Halictus pectoratorius* ♀♀ seen.

*Nomada* seen (probably *rupestris*).

*Tyrannus* *sp.* 1 ♂ by mill race near source.

*Argemone* 1 ♂, *Salix* 1 ♂, *Salix* 1 ♂.

*Leucocera reticularis* 1 ♂ beaten out of Hawthorn flower.

*Pimpla maculata* 2 ♀♀ (not kept) *P. eximia* 1 ♂.

*Phyllobius* 1 ♂.

*Cryptus* 1 ♂, *Leptocryptus* 1 ♂.

*Colletes* 1 ♂.

*Promethes sulcator* 1 ♂.

*Leptocryptus* 1 ♂.

17<sup>th</sup> June 1932. A fine day with E. wind; dull during  
mid day but very hot & sunny from 3.30 onwards.  
Glenmaenon, Co. WI. 12 noon till 5.30 pm, with  
Misses M. C. Knapp, M. Buchanan & J. Roche, & E. O'Mahony.  
Collected above fall & by road before lunch (=1) & below  
fall, chiefly in *Salix* swamp & under Beech Fern  
cliffs, after lunch (=2).

*Bombus lucorum*, *javellus* & *muscorum* ♀♀ only seen; ♀♀ *javellus*  
*Andrena lepponia* beside road on way up to fall at 1.

*A. antipodum* 1 ♂ nesting on slope below road to 2.

*Nomada flavoguttata* 1 ♀ with ant.

*N. ruficornis* 1 ♂ at 1? associated with *A. lepponia*  
as no doubt - *A. fucata* also about though not seen.

*Delphinium* 1 ♂.

*Tenthredella mesomela* & *linida* at 2.

*Selandria rufa* 1 ♂ at 2. *Empria blugii* ♂. *C. immensa* 2 ♀♀ <sup>✓RCLP.</sup>

*Pontania* at 2. *Eura* (probably *ulicis*) ♂ & ♀ <sup>✓RCLP. in letter, 27.1.33.</sup>

*Pachyneuratus vagus* <sup>✓RCLP.</sup> ♀ at 2. { *P. chitellatus* ♀ at 1 <sup>✓RCLP.</sup>  
*P. ♂ ♂* <sup>✓RCLP.</sup> *anthracinus* group. <sup>✓RCLP.</sup>

*Tenthredopsis* ♂. 1 red & black ♀ at 1; here I

also saw a toffee-coloured ♀ "*innocens*", but missed it.

*Pristiphora pallidiventris* <sup>✓RCLP.</sup> ♀, at 1, on Hawthorn.

*Pontania leucosticta* <sup>✓RCLP.</sup> 2 ♀♀, on *Salix* at 2.



17/6/32 cont. Glenmacross, WI, cont.

*Cataglyphis fortis*

*Euxeston cinetulus*? with ...

*Homocidus pallipes* 1♂. *H. obscuripes* 2♂♂. *H. biguttatus* 1♂ "var. 5" with yellow spine  
*Promethes laticeps*? 1♂. *abdominal segments* & AWS. 23 3 33.

*Euxeston cinetulus*

*Apanteles*

19<sup>th</sup> June 1932. A fine sunny day, after a dull morning with strong E. wind. <sup>OWEL.</sup> From J.P. Brunker & his friend Hudson to L. Ovel, via Mullingar, Co. WH. Spent some time in afternoon examining H.C. Keringer's famous "Scraw bog of Loughanstown" (See 1. Nat. vol. 3), where *Cyrtus retundipennis* is still abundant - amongst the clumps of *Sedum*: we did not see *Carex paradoxa*, though Brunker & Hudson did a good deal of "reading"; *C. filiformis* in full flower & with *C. teretiuscula* forming "meadows".

12 noon till 1.0 pm.; & 3.0 till 4.0 pm. Worked railway & shore of L. Ovel, but chiefly the "int-down" wood above the railway NNE of Church Island.

19.6.32 cont. L. Ovel WH, cont.

*Bombus lucorum* ♀♂ + ♀♀. *B. agrorum*, *muscorum* *hortorum* & *lapidarius* ♀♀. *Psithyrus campestris* (pale ♀ seen). *Andrena pueala* ♂♂ + ♀♀, little in *Potentilla* in wood.

*Halictus albipes* ♀♀, usual seen. *H. leucopus* 1♀ seen. *Cratichneumon tibialis* ♂♂ in great abundance in wood; the only common aculeate.

*Tenthredo arenaria* ♂♂ ♀ taken & George in field & railway. The first seen 1932!

*Tenthredinella lineata* & *mesomela* abundant in fields & wood. *Athalia* 1 seen, not taken: first 1932.

*Ichneumon* ♂♂ taken, 1 on *Heckthorn* - fields.

*Ichneumon* ♂♂ taken, 1 on *Heckthorn* - fields.

*Cratichneumon* ♂♂ abundant in fields.

*Pimpla oculatoria* ♂♂ on oak in wood. [NB. All oak in wood is *P. pedunculata*]

*Euxeston cinetulus*? 1♂. *Promethes pulchellus* ♂♂.

*Ichneumon* ♂♂ taken, 1 on *Heckthorn* - fields.

*Ichneumon* ♂♂ taken, 1 on *Heckthorn* - fields.

*Ichneumon* ♂♂ taken, 1 on *Heckthorn* - fields.



22 June 1932. A warm day, but mainly cloudy!  
Spent morning (10 till 12 noon) in Glenside (Glencullen)  
above Enniskerry, Co. WI. Here J.A.J. Salmer  
took one Tenthredo <sup>[only Tenthredella female! JVS. 24.6.32]</sup> on the 18th June.

Very many insects seen including one Tenthredo  
(which was captured) but no doubt absence of sun  
prevented me seeing more.

Bombus agrorum & lucorum ~~♀♀~~ ♀♀ (♂ ? ♀♀).

Andrena picta ♀♀. Vespa austriaca 1 imm ♀.

Gorytes mystaceus ♂♂ & 1 fresh ♀ on bracken.

Nysson spinosus ♂♂ & 1 fresh ♀. <sup>♂♂ seen</sup>

Tenthredella livida & mesomela abundant.

Strongylogaster lineator ♀♀.

Athalia rufus seen.

~~Uthman~~ Uthman ~~seen~~

Dineura testaceipes ♀ ✓ RCLP.

Pamphilus 1 on bracken

Delomerista (= Pimpla) 1 ♂, but ? when taken <sup>on 24.6.32</sup>

Meniscus catorator 1 ♀ amongst bracken.

Alomya debilis 1 ♂. <sup>seen on 24.6.32</sup>

Some insects taken in wood  
but not seen in open places  
above the wood!

22/6/32 cont.

Glencullen, WI, cont.

Promethes cognatus 1 ♂.

24th June 1932. Very warm & soft, strong V. wind, but  
considerable sun. Began my attention! 10 till 12.0 noon.  
Glencullen, above Enniskerry, Co. WI. as on 22/6/32, but  
on this day all collected between ramparts at top of wood  
& the ruined house.

Bombus agrorum & lucorum seen. Andrena picta ♀♀ seen  
on bracken; but ? dry.

Gorytes mystaceus 1 ♂ & ♀♀; 1 ♀ seen visiting "cuckoo-spit"  
on bracken from the height of which she looked at the  
Aphrophora larva, apparently stung it & then deliberately threw  
it away. ? was it too young.

Nysson spinosus ♂♂ seen.



24/6/32 cont. Glencullen, WI. cont.

*Tenthredella temula* 1 seen & apparently overwintering on *Rubus*

*T. ferruginea*, typical & black form. ♂♂ & ♀♀. *T. lineata* ditto.

*T. mesomela*. ♂♂ & ♀♀.

*Blennocampa affinis* <sup>SRCP.</sup> ♀, on bracken. New to Irish list!

*Selandria stramineipes* ♀?

*Pimpla* (*Delomeristia*) 4 ♂♂ on oak <sup>on</sup> rim flat.

*Ephialtes* 1 ♀ on same oak.

Black *Cryptus* ♂, on oak.

Also 1 ♂ of *Tryphon* on oak.

*Calyptus* *leucis*? ♂.

# DUNCANNON TRIP: JUNE - JULY 1932.

26<sup>th</sup> June 1932. A dull sun day with W. wind.

Left Dublin at 11 AM & drove to Duncannon, via Arklow, Enniscorthy & New Ross. Stopped at

"channel", S. of Inch, WX, where collected two *Braconids*, then to railway at Ballyanne, N. of New Ross, WX.

Here collected ♂ & ♀ *Atthia*; also stopped at Scarawalsh Bridge, N. of Enniscorthy. Here colony of *Colletes* *montana*, on parapets of bridge in full swing, all specimens fresh;

visited road to ferry at Ballyhack, WX, & saw many tunnels of bees & 1 ♂ *Hyaleus* in *fasione* (ruined!).

Roadside, S. of Inch, WX. 1 p.m.

*Aphidius* ♂. ~~*Scaphium*~~ ♂.

Scarawalsh Bridge, WI. 2 P.M.

*Colletes montana* ♂♂ abundant, some ♀♀, evidently collecting pollen on *Colt. barnebyi*.

Ballyanne, WX. 3.30 - 4.0 pm.

*Atthia lineolata*.  
♂ & ♀ (♂ 5/3/32).

*Bombus agrorum* ♀ seen.

Ballyhack, WX. 5.0 - 5.30 pm.

*Hyaleus* sp. ♂ seen in *fasione* (like *H. confusus*!).

*Leucospis* ♂.







28th June 1932. A dull day, very warm & close with NW wind in morning, but "a jam" with drizzle & chilly E. wind in afternoon. No run till we returned to Duncannon.

Drove to Hayward Bridge, 2 1/2 miles E. of Duncannon, WX & collected in road for half an hour. Then on to the Fort Mountain, saw soft swampy ground & had lunch. Finally to Ballyteige Burners, Kilmore.

Wood near Hayward Bridge, Duncannon, WX. 10-30-11.0 AM.

*Attholia cordata* 2070 (5/3/33) small black mites! = *Blenniocampa tenuicornis* ♀

*Remisia cataracta* 3♀♀ (1 on grass, 2 on rock heads)

*Neoleptis*

*Microleptis*

*Aphidius* ♂

*Curium pentastylus* with long stalked abdomen.

Fort Mt., near Wexford, WX. 12 noon till 1.30.

*Bombus agrorum* & *lucorum* ♀♀. *B. muscorum* 1♀ on *Erica tetralix*

*Glypta ceratita*? ♂ & ♀. *G. mucronatus*? 107 ♂ (1 red, 1 black)

28-6-32 cont. Fort Mt., WX, cont.

*Promethes* <sup>*pulchellus*</sup> ~~*agustus*~~ ♀

*Bracon* 1♀. ♂♂.

Several *Dacnusa* & *Aphidius*

Ballyteige Burners, WX. 3.0 till 5.0 pm. No real run, chilly wind

*Bombus lapidarius* 1♀ seen.

*Pompilus plumbeus* ♂♂ seen.

*Dicordylus* ♀ (M.S.S.) in hollow next road.

*Pezomachus* ♂♂ abundant with last.

*Ichneumon* *caespitum*, only a few workers seen.

*Pezomachus* 1♀ in hollow.

Several bugs collected in sand hollow, but no *cimicoides* seen.



164.

29<sup>th</sup>

#294. ~~#284~~ June 1932. A poor day after a brilliant <sup>early</sup> morning  
+ though no rain till 1 pm very little sun after  
breakfast + little out. Increasing rain + wind  
after 3 pm.

11-30 till 12-30 noon. Alder-scrub by stream above  
New Bridge, about 4 miles E. of Duncan, W. X.  
Bombus agrorum 1 ♀ on roadside; the only bumble  
seen all day

Andrena fucata ♂♂ in swamp & by roadside.

Passalocera nonilisornis 2 ♀♀ on gate post E. of bridge

*Tenthrinella mesonota* & *lirida* common.

Attalia lineolata 107, 2♀♀ (v 5/3/33).

Platycampus luridiventris ♀ var. <sup>✓ OCLP.</sup> on grass in swamp.

Promethes sulcator 10? P. cognatus? 1 ♀.

Therese

Glypta elongata 1 ♂ (2A-kept).

G. cristatus ? n.

29

29.  
Hb. 6.32, cont. Ballyteige Burrows, Wx.

After 12-30 drove on to Park, west of Veterans Quay,  
+ following lunch, walked across "The Bank of the Cull",  
the embankment dike spans the estuary, on to the  
sandhills. Here spent 2 hours in dripping rain.  
Saw much good ground on both sides of estuary!  
Colletes montanus 2000 clinging to flowers of spurge.

[no Bombi seen]

*Ceropales maculatus* 1 ♂ in Spruce: (E. Perschke).

*Tetramorium caespitum* abundant.

*Pyronia scabinosa* on dunes, *M. Caerulescens* on N. end of Bank.

Aluminum chloride

Apanteles } clinging to mosses & grass (Prunus).  
Euphorus }











17.32 cont. - July 2nd 1932

Pomelle, cognatus, 19.

Bombus fulvus 108  
Syrphus

2nd July 1932. A fine day with a strong S.W. wind. A fall of wind from S.W. at 2.30. at 2.45. Ballyteige, Bunnage, opposite Bock, 2.45. Collecting very difficult owing to the wind & rain. except Pompilidae & Proctos.

Bombus lapidarius 2♂♂ & 1♀ seen in sandhills.

Andrena fucata 1♀: Another ♀ seen near the same place.

Haliplus 1♀ seen probably H. punctatissima.

Colletes montani? 1♀ & 2♂♂ on Hordeum.

Hylea trinita 1♂ on Hordeum.

Astata stigma 1♂ in hollow near S. end of the bank of the Liffey.

& 2♂♂ about a mile west of the same.

Tachyphla pilipes only 1♀ seen on Hordeum.

Pompilus pitius 1♀ on Spide.

" planiceps 1♂ & 1♀ - Proctos 1♀ at large field.

27.32 cont. - July 3rd 1932

Pompilus

Pompilus

Pompilus

Pompilus pilipes 1♀ seen on Hordeum at 2.45. at 2.45. Ballyteige, Bunnage, opposite Bock, 2.45. Collecting very difficult owing to the wind & rain. except Pompilidae & Proctos.

Sunday, 3rd July 1932. Rain & gale all day from S.



4th July 1932. A warm day with misty showers & very strong S.W. wind.

In morning drove via New Ross to the Pink Point, Co. WX

There on 1st July I had lost my permit lease: spent an hour along cliffs west of road looking in vain for it & collected 2 *Braconids* & 1 *Proctospid*, 1 *Chalcid* & 1 *Campoplegid* etc.

Then drove up Barrow valley for shelter:—

1.0 till 5.0 pm. Oak-woods just N. of Pollmounty Bridge, Co. WX.

*Bombus jonellus* a few ♀♀ seen.

*Prithyrus quadricolor* ♂♂ common in woods.

[No other aculeates seen here though some good numbers!]—

*Centredella lineata* frequent. *T. prorsus*, black ♀.

*Selandria morio* 7♂♂ & 1♀, all taken at oak in clearing.

*Triphleba* ♂♂

*Phaenocarpa* ♂♂

*Promethes scutellarens* 2♂♂, 1♀. *P. platycarpus* 7♂♂, 1♀ more nearly typical than any Irish specimens previously examined! A.W.S. 27/3/33.

*Hemiteles*

*Bombus lucorum*

*Phaenocarpa*

4.7.32 cont. Pollmounty, WX cont.

5th July 1932 A fine day, spoiled by very strong & keen, SE-S wind. Considerable sun, sometimes dull though, & little flying. Sandhills, Ballyteige Barrows, Co. WX.

1 = dunes near Kilmore Quay.

2 = bank of the Lull & dunes at S. end of same.

*Bombus lapidarius* a few ♀♀ at 1 & 2.

*B. terrestris* 1♀ on *Oxalis* at 1.

*B. agrorum* seen at 2.

*Andrena fucata* ♀♀ at 1 & 2 in dunes.

*Halictus* cf. *calceolus* by road side to 2.

*Colletes* ♂♂ in dunes at 1 & 2, & by roadside to 2.

*Hyleus minutus* ♂♂ seen at 1 & 2: ♂ & ♀ taken at 1.

*Compiliter gibbus* 1♀ at 2. *P. plumbeus* frequent at 1 & 2.

*Tachysphex pectinifer* only 2 or 3 seen.



5.7.32 cont - Ballyteige Burrens, cont.

*Oxybala argentatus* at 1 + 2.

*Crabro ruscii* common at 1 + 2.

*Odynerus pictus* ♂♂ on *Hebea* at 2.

*O. tricolor* ? 1 ♂

*Phyris ignita* new

*Hedychridium ardens* at 1 + 2.

*Chalcid* sp. 1 ♂

*Phaenocarpa* sp.

*Leucospis* sp. 1 ♂

*Leucospis* sp. 1 ♂

*Chalcid* sp. 1 ♂

*Chalcid* sp.

*Agathis nigra* ? 2 ♀♀.

6th July 1932. A fine day, with strong wind.

Went out in car, (S) in morning.

Went to Ballyteige.

Left Duncannon at 10.40 & drove to Ballyteige.

via Wexford, Enniscorthy, Tintern, Waterford.

Stopped at Wexford airport, Tintern & Ballyteige.

Bridge between Ballyteige & Ballyteige.

2.7.32

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

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Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.

Went to Ballyteige Burrens, cont.



9th July 1932. An opening h.A. day, with many clouds.  
Garden at 14 Clareville Rd., Harold's X, DU.

5.30 - 7.30 pm. mostly at White & Black Current bushes.  
Current Clearwing with 1. Gorseberry with 1, seen 1932

Bombus castatorius 1♀.

Homocidus 3♂♂.

Stenomacrus 3♂♂.

Glypta curvipes 1♂. Pimpla maculator 3♂♂.

Dacnusa areolaris ♂♂ abundant in water house.

Crabro varius ♂♂ & ♀♀ abundant.

Pemphredon shuckardi 1

Bombus terrestris ♂♂ on Thyme in front of house (also seen on 8.7.32)

B. lucorum ♂♂ & ♀♀.

B. agrorum ♀♀ on Erica cinerea flowers.

Pachyneurictes obductus <sup>VRCLP.</sup> ♀ & Pristiphora ruficornis <sup>VRCLP.</sup> ♂ on White current <sup>bush.</sup>

[Megachile centuncularis ♂ seen at 10 AM on following morning!]

10th July 1932. A fine day, very warm, but dull after mid day (mostly) & rain in late evening: wind S.W.  
Glen of Inaal, at Coan & Carnon, Co. WI.

11.30 till 2 pm. by the Little Slaney at ford of Coan = 1.

2.30 till 4 pm (no real sun) by the Big Slaney at ford at Carnon = 2.

Bombus agrorum ♀♀ common, faded ♀♀, a few. B. lucorum 1♂2. <sup>2♂♂.</sup>

Andrena tarsata 1♂ at 1.

Verpa rufa 1♀ seen at 2. Crabro varius? 1 seen at 1.

Tenthredella linids & balteata frequent at 1.

Tenthredopsis ♂♂ & red & black ♀♀ at 1; all near Salix.  
" brown ♀ at 2, on Salix.

Rhyssalus viridis seen at 1.

Stenomacrus delicatulus seen at 1, frequent on ferns.

Athalia lineolata <sup>1♂ taken (V.S. 3/32).</sup> common at 1, 1♂ taken.

Pristiphora fulvipes <sup>VRCLP.</sup> ♀ on Salix at 1.

Glypta curvipes 1♀ at 1. G. elongata ♂♂ & ♀♀ abundant amongst rushes at 2: reddish!

Homocidus crassicornis (= benicornis) 1♀ at same bush as ♂♂ taken on 28.6.31, at 1. H. pectoratorius 1♀ with last, at 1.

Bombus debilis small ♂ at Salix near last, at 1.

Stenomacrus at same bush, at 1, & Homocidus.



10.7.32 cont. Glen of Inaal, Co. WI. cont.

17th July 1932. A fine day, but very strong W. wind & some cloud: owing to wind & previous bad weather very little flying. [in Dublin & along coast, dull, with strong cold N.E. wind].

Drove to Monasteran, QCo. & then SW, where collected a few species in lane along E. of Glenmalur Ho. (=1); then along Mountmellick road to Woodbrook House where collected in sandpit N.E. of same (=2) & in scrub close to canal bridge (=3); this place is about 2½ miles S.W. of Portlinton! & near Emo Park.

*Bombus terrestris* ♂♂ & ♀♀ common at 2. *B. lucorum* ♂♂ & ♀♀ at 1 & 2.  
*B. hortorum* ♂ & ♀♀ at 2. *B. lapidarius* 1 fresh ♂ & many ♀♀ at 2.  
*B. derhamellus* 1 ♀ at 2 taken by George. *B. agrorum* ♀♀ at 1 & 2.

17/7/32 cont. N. Emo Park, S.C., QCo.

*Psithyrus distinctus* ♂♂ frequent - at 1 & 2.

*Andrena gurganensis* ♂♂ of 2 - 1 found at 2.

*A. sandersoni* ? 1 ♀ at 2.

*Halictus rubicundus* & *albipes* ♀♀ seen at 2.

*Homada fabriciana* 2 fresh ♂♂ at 2, with *A. gurganensis* 1 ♂ found.

*Colletes succinea* 1 ♂ on *Leontodon* at 2: very fresh & no more seen.

*Hyaleus minutus* ? 1 ♀, with black abdomen, on *Carduus lanceolatus* fls.

*Odynerus nigratus* small ♀ at 3.

*Psenulus pallipes* 1 ♀ on tree at 3.

*Crabro varius* ? ♂♂ at 3.

*C. capitatus* ? 1 ♂ on tree at 3.

*Salix exaltatus* ♂♂ & ♀♀ at 2, common.

*Cerophala maculata* 1 small ♂ at 2.

*Myrmica rubicincta*, *L. niger* & *F. fusca* seen at 2.

*Allantus arcatus* at 1 & 2. *Athalia lineolata* 1 ♀ on sand at 2.

*Tryphon elongatus* ♂ & ♀ at 1 & 3. First seen 1932.

*Promethes laticarpus* 1 ♂, large & apparently typical!  
v. DWS 23/12/33.



17/7/32 cont. Near Emo Park, Q.C. cont.

An extraordinary black & orange Braconid sitting on bird leaf taken at 3, = Proterops nigripennis Wesm.

Epimela marginalis 7 specimens, both sexes, taken on young oak in wood at Woodbrook Ho. just west of old entrance gate & between gate & canal & beside the road & ditch. Apparently both species above are new to Ireland, as there is no ref. to either in the Atl. N.S. list of Irish insects!

18th July 1932. Evening! Garden at 14 Clarendon Rd., DU.

Pimpla maculator ♂♂, Homocidus ornatus 2 ♂♂.

Glypta ♂♂, ♂♀.

Daenusa areolaris ♂♂ abundant at water house window  
Crabro varius common. Odynerus parietinus, fresh ♀ seen.

19th July 1932 Evening! Garden at 14 Clarendon Rd., DU.

Crabro ~~fl.~~ claripes 1 ♂ on B. current with C. varius!

Pimpla maculator ? 2 ♂♂ with pale stigma.

Glypta cratipes 1 ♀.

Daenusa areolaris 1 ♀.

20th July 1932. A warm day, but showery & little sun.

Drove to Glenageary & from top of fall ascended to cliff of Thorabeg, above L. Ouler, Co. WI. M.C.K. & M.B. with us. Swept two specimens, one each, of two species of Apanteles on slope S. of fall at about 1200 & 1300 ft. respectively. No other hymenoptera seen all day & vegetation too wet to sweep in latter part of the day.

22nd July 1932. Evening! Garden at 14 Clarendon Rd., DU.

Pimpla maculator 1 ♂. Phytodietus 1 ♀.

Perithous diminator 1 ♀ on white currant.

24th July 1932. Mainly dull, very windy & showers frequent!

Fine & sunny in afternoon!! Spent 3 hours

10.0 AM till 1.0 PM. at extreme end of North Bull, Co. DU. Saw J. M. Halbert took a single Psen unicolor on 7/8/1898. I saw very good ground for aculeates, but lack of sun & bad wind made the capture of Psen out of the question. With E.O.M.

Bombus muscorum ♂♂ & ♀♀. B. lapidarius ♀♀.

B. lucorum ♂♂ & ♀♀. B. terrestris ♂♂ & (? ♀♀).

one ♂ terrestris has complete tarsus tail like a ♀ (no stink!)  
[No B. agrorum seen!]



24/7/32 cont. N. Bull, GU. cont.

*Colletes picistigma* 2 old ♂♂, 1 fresh ♀ on *Hypochaeris*.

*Crabro rasmali* common in spurge, etc.

*Bethylus pascuorum* 3 shaken out of *Brassica* roots by E.O.A.

*Cryptus viduatorius* ♀♀ on Wild carrot.

*Bracon*

*Sigalphus*

*Apanteles*

24.7.32 evening. Garden at 14 Clarinell Rd. GU.

*Chasmodon unceps* 10♂ flying round top of large White Currant bush.

*Pimpla maculator* ♂♂ common. *P. brevicornis*? 1 ♂.

*Glypta ceratites*? ♂ + ♀♀.

*Bracon anthracinus*? var ♀♀ 4 ♂♂

25<sup>th</sup> July 1932. A windy day, with frequent showers or "skiffs" of rain, sun, good sun-bursts.

Down with Dr. L. B. & Mr. Smyth, & Miss Buchanan to Ballinderry bridge, near Moate, Co. WH. to inspect section of bog & drainage, excavated by the U.S. archaeologist Dr. O'Neill-Hencken. Stopped by streamside at a Horse Leap & collected on both sides of boundary stream, WH & KC, (= 1); then drove on to Ballinderry, WH (= 2); on return journey stopped at moorland S. of road at Newborough, Co. WH. for an hour (= 3).

*Bombus lucorum* ♂♂ & ♀♀ at 1, 2 & 3. *B. hortorum* ♂♂ at 1.

*B. agrorum* ♀♀ at 1, 2 & 3. *B. nemorum* 1 ♀ at 2.

*Psithyrus barbatus* ♂♂ on *Knop* at 3.

*P. distinctus* ♂ on *Angelica* at 2.

*Vespa sylvestris* ♀♀ (? ♂♂) abundant on *Angelica* in marsh at 2.

*Tenthredo "arenaria"* on *Primula* at 1, 2 & 3.

*Athalia lutea* on *Angelica* at 2.

*Pteronidea*



25th July 1932. Co. WH. & KC. cont.

Promethes dorsalis 1 ♀ at 1.

Blacus minimus 1 ♂ at 1.

27th July 1932. Very stormy, W-NW, very warm & considerably very hot sun. 2.30 - 4.0 pm.

Bellone, Belgany, Co. WI.

Bombus lucorum, agrorum, muscorum, hortorum seen.

Vespa sylvestris seen, on Heracleum.

Andrena coitana & denticulata 1 ♂ each.

Salix exaltata common. Crabro vagus ♀♀ at stump.

Pompilus nigerrimus 1 ♀ on stump, seen.

No other aculeate seen!

Tenthredo inermis only rarely seen.

Spilargis sp. large ♀ seen at stump, but flown away before.

Lissonota cylindrica ♂ seen to pounce on ♀ on nettle & copulation follows instantly: both captured.

27. 7. 32, cont. Bellone; WI cont.

Apanteles

♀♀ on Heracleum.

28th July 1932. A calm warm day & air full of insects.

Inside top of tram I saw many hymenoptera including

Myrmica, but dare not catch more than one or two

which were near me — even then kept under observation

by yellow passengers! Also many small hymenoptera in

garden of 14 Clareville Rd, DU., in evening, including

Chalcid unif. 1 ♂ clinging to leaf of Carex acutiflora!

Dacnusa ♀♀ abundant at currant bushes.

Bombus lucorum ♀ in water tower.

Homocidus tarsatorius ♀ of the true species at Thalictrum minus (from Co. Clare).



28.7.32, evening, cont. Dublin cont.

*Bombus*

*Bombus*

*Bombus*

29<sup>th</sup> July 1932, evening. Garden, 14 Clareville Rd., DU.

*Macrocampa* ♀, on White Currant. Here the  
currant-bleeding moth taken several years; seen repeatedly  
to stab cut end of stem with ovipositor.

*Bombus lucorum* ♀. *Homocidus flavolineatus* ♂.

*Apanteles* ♂.

*Trichocampus radiatus* ♀ & RCLP.

31<sup>st</sup> July 1932. 10 AM. Garden, 14 Clareville Rd., DU.

*Hemiteles* ♂ ♀ on White currant bush.

31<sup>st</sup> July 1932. Very warm, strong W. wind, thunder  
in afternoon, heavy shower to N. but only skiff with  
us. 11.30 AM till 4.30 pm.

Meeting of the Waters, Arvoca, Co. WI.

1 = taken morning on left bank of Arvoca & above the  
Castle Howard bridge.

2 = taken in afternoon: some on railway & some on  
*Angelica* beside railway on right bank of river  
above said bridge.

3 = taken in aft. on left bank of river above said bridge  
& below next - above our river. <sup>Insects from 2 & 3</sup> not repeated!

*Bombus lucorum* ♂♂ & ♀♀. *B. lapidarius* ♀♀.

*B. agrorum* ♀♀. *B. muscorum* ♂♂ & ♀♀ on *Erica cinerea* ♂.

*Prithyrus distinctus* ♂♂ seen.

*Andrena humilis*, only a few burrows seen in path on  
left bank of river & main colony apparently over.

*A. coitana* 2 ♀♀ seen, one on *Knautia*. *A. tarsata* 1 ♀ seen  
on *Potentilla* after.

*Halictus rubicundus* ♂♂ at 2.

*Homocidus obtusifrons* 1 ♂ at 1.

*Vespa austriaca* ♂♂ common at 2, on *Angelica*.

*Salix notata* 1 large ♂ on broken log river bank at 1.

*S. exaltatus* ♂ & ♀ seen at 3.

cont.



31.7.32 cont. Meeting of the Waters, WI, cont.

*Odynerus ruficornis* 1 ♂ on *Angelica* at 2.

*Crabro varius* ♂♂ & ♀♀ at 1 & 3. *C. capitatus* ♂♂ & ♀♀ on oak at 1 & 3.

*C. aphidum* 2 ♀♀ on oak at N. end of <sup>rock</sup> bluff near castle.

Howard gate (overhanging bend in river above railway bridge) at 3; taken at 4 pm. after sun had gone in!

One given to Palmer!

*C. canifemur*, *chrysostomus* & *regius* ♂♂ common in *Angelica* at 2.

*C. clausus* ♀♀ at 1 & 3, on oak.

*Formica fusca* ♂♂ seen at 2.

*Argyresthia ustulata* ♀ ~~seen~~ on *Angelica* at 2.

*Pristiphora pall.* var. *denudata* <sup>RELP.</sup> ♀, at wall below Hazel bush bridge. There have been runs under railway at 2.

*Athalia* many seen on *Angelica* at 2.

*Stenopogon lineatus* ♀ at 1.

*Tenthredo* *perforata* 1 ♀ at 1; many seen at 2.

*Pimpla rufipes* 1 ♀ at 1.

*Glypta nigrothoracata* 1 ♀ at 2. *G. craticula* ♂ at 2 & 3.

*G. eranesum* 1 ♂ at 1.

*Callidula hectoria* 1 ♀ at 1, on rock bluff.

31.7.32 cont. Meeting of the Waters, WI, cont.

*Schizoloma capitata* (?) 1 ♀ at oak at 3.

*Baryscapus variator* 1 ♀ at 3. *B. tricolor* 1 ♀ at 3.

*Hypomeces quadrinotatus* 1 ♀ at 3, on oak with *C. aphidum*.

*Amphylus* 2 ♂♂ at 3.

*Ichneumon*

*Pegomya fasciata* 2 ♀♀ on oak at 3.

*Daenusa* 1 ♀ at 1.







192.

7th August 1932. Dull till 1 p.m., then much  
hot sun, warm, strong westerly breeze.

11.30 AM. till 4.0 PM. Deputy's Pass, Co. WI.

All collected on NE. side of the pass from gate to  
glen & around old garden.

*Bombus lucorum* ♂♂, ♀♀, & old ♀♀ seen with pollen.

*B. hortorum* ♂♂ & ♀♀. *B. jonellus* ♀♀ on Wood Sage.

*B. agrorum* ♀♀ abundant.

*Psithyrus distinctus* & *barbatellus* ♂♂ abundant.

*Ps. campestris* 1 dark ♂.

*Andrena crinita* ♀♀ common on Knapweed, Ragwort,

*Rubus* ♂.

*Halictus rubicundus* 1 fresh ♀, no ♂♂ seen.

*H. albipes* ♂♂ & 1 ♀ seen.

*Nomada obtusifrons* 1 very fresh ♀.

*Colletes vagans* ♂♂ seen at stumps in garden.

*C. variegatus* or *palmipes* 1 ♀, not kept.

*C. claviger* 1 large ♀.

*Formica fusca* ♂♂ & winged ♀♀.

*Myrmica* ♂.

*Formica arsectator*, large ♀ at stump bored by *C. vagans*

*Athalia* sp. seen.

*Timothus "aratus"* seen.

193.

7.8.32. Deputy's Pass, WI, cont.

*Dyspiter prorepagator* ♂. *Tryphon brachycaanthus* ♂♂ & ♀

*mesoleius* ♂

on oak. *Homocidus pallipes*, 100.

*Campoplex*

*Pimpla maculator* large ♀♀. *P. v. dentata* ♂ & ♀

*Glypta exarum* ♂♂ common,

*Stenomacrus*

*Amphytelus palliatorius* ♂♂. *Argasippus* ♂♂

*Ichneumon*

*Neton*



194.

7th. Aug. 1932 cont. afternoon.

4.30 - 5.30 pm. "Donkey Quarry", Killough, Co. WI.

*Bombus lucorum* & *agrorum* only seen.

*Vespa vulgaris* seen.

*Haliictus leucopus* 1 ♀ seen.

1st ♂ seen  
1st ♀ seen  
1st ♂ seen  
1st ♀ seen  
1st ♂ seen  
1st ♀ seen

*Stenomacrus*

♀

*Hemiteles*?

♂

*Daenusa*

♀

*Phaenocarpa*

♂

Swift & violet in  
field at bottom of  
channel.

7.8.32. Taken by M.D.S. on shore at old  
Killough Station, The Narrows, Co. WI.

*Hemiteles*?

1 ♀

One Chalcid & ? on *Proctotrupes*

195.

Bundoran Trip August 1932.

9th August 1932. Very warm, S. wind, sunny  
in places. Left Dublin at 10 AM &  
drove to Bundoran, ED, arriving at 6 PM.  
Stopped 12-30 till 1-30 by roadside, Cam about 2  
miles west of Edgeworthstown, Co. LF, & again  
3-30 till 4-45 at Markree Castle, Co. SL.

Roadside, 2 miles west of Edgeworthstown, LF.

*Bombus lapidarius* ♂♂ & ♀♀. *B. lucorum* ♀♀.

*B. hortorum* several ♂♂. *B. agrorum* ♀♀. All on *Knapweed*.

*Vespa vulgaris* ♀♀.

About a dozen ticks, etc., swept along marshy field  
drain: — very poor ground!

*Apanteles* ♂♂ & ♀♀.

*Dacnusa* ♂♂.

*Promethes sulcator* 10? *P. cognatus* 1 ♀.



196.

9.8.32 cont. Marshy wood (most trees cut down)

NE. of road, near Markree Castle, SL.

*Bombus agrorum* & *lucorum* ♂♂ - *Vespa vulgaris* ♀.

Many ichs &amp; Braconids caught in swept amongst

Iris, &amp;c.

*Rhyssalus* <sup>*areogaster*</sup>*Pteronidea myrtilidis* (small ♂ & ♀) <sup>V.P.C.P.</sup>*Pachymatus vagus* 2 ♀♀ (1 larva)*Ichneumon* <sup>*ichneumon*</sup>*Stelidota**Promethes cognatus* 2 ♂♂. *P. pulcator* 1 ♂, 1 ♀.*Homocidus bigonarius* 1 ♂.

9.8.32 cont.

9.8.32, evening. Cont at west side of bay, Bundoran, ED.

*Pteronidea parida* ♂♂ & ♀♀ taken with fingers off a

Salix bush at the harbour. There many young larvae.

*Pontania* galls on same Salix in dozens, looking

like green berries. There they had been avoided by the

*Pteronidea* larvae of spring brood of same species.

Black pupae taken in same place

Pupae? ♀ on same Salix bush

misty rain from hills (SE) at 7 P.M.

197.

10th August 1932. Very warm damp &amp; misty sunless.

11.30 till 12.45 noon. Sand dunes &amp; dry stream

bed at Finner, E. of Bundoran, C.E.D.

*Bombus agrorum* ♂♂. *B. lucorum* 1 ♂ seen.*B. lucorum* ♂♂. *B. lapidarius* ♂♂, very small.*Mellinus arvensis* ♂♂ abundant on thistle.Several small ichs, including 2 ♀♀ *Pezomachus* taken in dunes; the rest with *Mellinus* on thistle & stream bed.*Oxytelus stewarti* 2 ♀♀. *Bracon fulvipes* 1 ♀.10/8/32 cont. Afternoon wet drizzle! evening very warm & still, dull. At 8.30 to 9.0 PM. found stone walls on cliff beyond the Port End, Bundoran ED. working with beetle & here also took one small slender ich, which proved to be a ♀ *Nematocerus tenellus*!



198.

11<sup>th</sup> August 1932. Very warm, damp & dull, after a very wet night, some sun in afternoon, followed by terrific thunder storm from 7 PM till 10 PM.

Ants (*Myrmica ruginodis* & *M. rubricincta* swarming!

11 AM till 1 PM. Dune & cliff s' at Finer, E. of Bundoran, E.D.

Add - *Bombus clunellus* 1 fresh ♂.

*Pompilus fitchii* 1 large ♀ on thistle.

*Athalia* & *Tenthredo* spp. <sup>*Pristiphora pallidiventris* ♀ var. v. RCLP.</sup> common but not taken.

*Mellinus arvensis* & *Crabro* <sup>*palmipes* ♂ & ♀</sup> latter at "quarry" on Clontarf.

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Stenobothrus marginatus* ♂ & ♀

*Promethes laticarpus* 10 ♂ *P. cognatus* 10 ♂ 1 ♀  
*Stenobothrus marginatus* 1 ♀

11.8.32, afternoon. Drove to Bunduff Strand, Co. SL.

Collected for a few minutes in plantation at Castlegal Ho.

(=1) then to dunes NE. of Bunduff Lough (=2)

& on to outlet of Bunduff Lough (=3) & Mullaghmore (=4).

*Bombus lucorum*, *terrestris*, *agrorum* & *lapidarius* common.

*B. hortorum* ♂ & ♀ at 1 & 2. *B. jonellus* ♂ & ♀ at 1.

*B. clunellus* 1 ♂ at 2.

199.

11.8.32 cont. Bunduff, Co. SL. cont.

*Penthyon campestris* 1 fresh ♂, v. *rossiellus*.

*Pompilus fitchii* 1 ♂ examined. *Stenomacrus delicatulus* ♂ & ♀ common at 1.

*Athalia* ♂ & ♀ in sand in fields at 2. & on *Angelica* at 3.

*Homocidus flavolineatus* 2 ♂ & ♀ at [Clontarf Co. Bunduff!]

*Sigalphus caudatus*? ♀ in corn at 2.

12<sup>th</sup> August 1932, morning. 11.0 till 1.0 PM. Very dull, cooler, almost raining, W. wind.

Sand dune s' near cliff, Finer, Bundoran, Co. ED.

*Ichneumon* ♂ along cliff: all others taken on thistles

*C. arvensis* by dried up stream bed 1/4 mile from cliff, there is a s' in amazing numbers.

*Mellinus arvensis* ♂ & ♀ & ♀♀ common.

*Pteronidea myrtilidis* 1 ♀ v. RCLP. 2 ♀♀.



12.8.32 cont. Finer, Co. ED. cont.

*Phy. ...*  
*Phy. ...*  
*Phy. ...*

*Homocidus pulcher* 208, 297. *H. obscurus*, 10?

*Promethes sulcator* 19.

*Phy. ...*

13th August 1932. Very warm, mainly dull, misty rain in forenoon, afternoon fine, heavy thunder & rain at 5-30 - 6-30 p.m.

11-30 till 1.0 p.m. Coast - just north of Bundrose, S. of Bundoran, Co. ED.

A few *Braconids* & some ichs collected amongst boulders & *Potentilla anserina* just above high water mark

The Diptera *Phy. ...*

*Attractodes*, *tendens*, 18.

13.8.32. Carrigal wood, Co. SL, see next page →

13.8.32. afternoon. 3.30 till 5.30. Coast at N. end of Bunduff Strand, Co. SL.

*Braconids* & ichs collected either on surface of large pool above ord. high water mark, or on sand or wet on cliffs behind same, just N. of rock bluff at N. end of strand.

*Sigalphus caudatus*, 248. *Pentapleura pumilio*, 10? 99. *Aspilota*, 10.

*Opius*, 19. *Colletes*, 10. *Promethes sulcator*, 18?

*Stenobothrus*, 10. *Ichneumon*, 10. *Ichneumon*, 10.

*Ichneumon*, 10. *Ichneumon*, 10. *Ichneumon*, 10.

*Ichneumon*, 10.

*Ichneumon*, 10. *Ichneumon*, 10. *Ichneumon*, 10.



13.8.32 cont. Bunduff cont. [G.S.H.].

13.8.32 aft. 3.0 till 3.30 pm.

Plantain at Bartgal, Co. Sh. as on 11.8.32.

*Crabro styria* on oak 2002 & 299, very fresh.

*Homocidus* <sup>flagellatus (AWS. 203.33)</sup> 2002 on same tree as on 11.8.32.

♂ & ♀ *Crabro*

pink spec taken separately.

= *Leptocryptus* *areolaris* *typicus*

14th August 1932 Dull - morning, very dry, but at night rain, afternoon fine. Left Bunduff at 11.30.

11.30 - 1.0 PM. Collected in Alder wood, 1/2 mi. S.W. end of Bunduff Lough, Co. Sh. Some small specimens taken on *Angelica* & *Lythrum*.

*Bombus lucorum*, *lapidarius*, *terrestris* & *agrorum* - 30 etc.

*Pachyneurion* *displanus* ♂, <sup>REL.P.</sup> except.

*Ichneumon* or *Leucospis* ? ♂. *Ichneumon* from 11.8.32.

*Homocidus pallipes* 107.

*Promethes sulcator* 107, 19. *P. pulchellus* 2002, 19.

*Crabro* on oak 2002 & 299, very fresh.

14.8.32 cont. Afternoon collected in Alder wood.

to visit at Dromedary, 1/2 mi. S.W. end of Bunduff Lough, Co. Sh. Some small specimens taken on *Angelica* & *Lythrum*.

*Bombus lucorum*, *lapidarius*, *terrestris* & *agrorum* - 30 etc.

*Pachyneurion* *displanus* ♂, <sup>REL.P.</sup> except.

*Ichneumon* or *Leucospis* ? ♂. *Ichneumon* from 11.8.32.



2014

11/8/32 cont.

*Homocidus pulcher* 1 ♀. *Promethes laticarpus*, 1 dark ♂. *P. cognatus*, 10 ♂, 1 ♀.

*Promethes* ...

*Promethes* ...

*Genesha* ...

*Diapri* ...

*Onophanes* ...

*Brachy* ... 78 ♂, 8 ♀, 9 ♀; common on edge of marsh behind dunes, & amongst

*Brachy* ... *Promethes* ...

*Blennocampa* ...

*Aparite* ...

*Rhyssalus* ...

15th August 1932. Very warm, misty & dull; only occasional glimpses of sun. In morning drove to N. end of Bunduff Strand, Co. Sl., where collected along cliff top & in fallow field behind full of carrot, & (turnip & potatoes at inland end of same). Very many hymenoptera out. In late afternoon drove to head of Glenade Lough, Co. LE., where collected for an hour.

11.30 till 1.0 PM. Coast & fields at N. end of Bunduff Strand Co. Sl.

*Ichneumon* ...

*Promethes cognatus* 2 ♂♂.

*Homocidus pulcher* 10 ♂, dark var.







16th Aug. 1932 afternoon. Drove to L. Eske, N. of Dromahaire town & collected a few insects on shore at east end of outlet of lake: very few insects except Diptera.

W. side of outlet = 1; E. side = 2.

*Bombus lucorum* at 1 & 2, ♂♂ & ♀♀. *B. agrorum* ditto!

*B. muscorum* usual ♀♀ at 2 on Calluna.

*B. jonellus*, fresh ♀ on Calluna at 2.

*Psithyrus distinctus* ♂♂ at 1 & 2.

*Vespa ruficornis* & *pyraetris* ♀ at 2

*Halictus freyensis* 1 ♀ on Calluna at 2

~~*Fregata*~~ *pusilla* ♀ = *Selandria morio* ♀ at 1. <sup>REL P.</sup> *Cathalia* green at 1. <sup>(centropoda) sp.</sup> *Eugenia* ♀

*Bombus* at 1 & 2.

*Bombus* at 2 on 2.

2 John on Calluna at 1.

[Took ♀ *Phyllosia* on under of house! ♀ in Bundoran, ED]

[Took ♀ *Phyllosia* on under of house! ♀ in Bundoran, ED]

17th Aug. 1932. After a very wet night, warm, misty rain, mainly dull, some sun in forenoon; afternoon drier, cooler & quite dull.

11.30 till 1.0 PM. N. end of Bunduff Strand, Co. Sl. as before.

*Bombus derhamellus* ♀♀, & fresh ♀♀ seen in fields above cliffs, as well as 1 ♂.

*Psithyrus campestris* 1 fresh ♂ of dark var.

17.8.32 cont. Bunduff, Sl., cont.

*Mellinus arvensis* ♂♂ & ♀♀ abundant on sea slope of dune, on Calluna.

*Bombus variegatus*? several on Calluna leaves on sea slope.

*Homocidus obscuripes* 1 ♂.

17.8.32 afternoon. Stranded Point & dunes, Co. Sl.

*Bombus lucorum* ♂♂ & ♀♀ the only species of bumble seen.

*Psithyrus* <sup>*barbutellus* ♂</sup> ~~*distinctus*~~ fresh ♂.

*Mellinus arvensis* common in dunes.

*Pompilus gilvus* 1 ♀. *P. plumbeus* ♂ seen, ♀ taken in dunes.

*Leucostoma* ♀ on thistle by road.

*Hymenoptera* *rejirodis* nests very common.

Collected some beetles by shaking seaweed & under stones in dunes; also three very small hymenoptera shaken out of seaweed on shore.

[Took *Proctotrupid* on surface of rock just at Bundoran, ED.]

16.8.32



18th August 1932. Warm, dull, fine, after rain in night. No real sun all day!

Coast N. of Banduff Strand, Co. SL., as before.

Collected some ich. &c. in crevices in fields above cliffs & then walk along coast for half a mile to gully filled with boulders, where took nine (all ♂) ichs, resembling a Hermitia, with red central segments to abdomen: at same place were myriad of a minute brachypterous Pentatropis.

1912

3. Case:  $\text{Hep. m. l. l.}$   $\text{H. m. l. l.}$

Promethes <sup>cognatus</sup> ~~sulcata~~ 2078. Rhytidella x 58.

Bracon fulvipes 1 ♀.

Pachynematus diaphanus 1♂ - ✓ RCLP. P. abductus 2♀♀ - ✓ RCLP.

18/8/32 Afternoon. 3.0 till 5.30 PM.

S. edge of plantation (Alder, *Salix* spp., Birch, &c.) on  
sand flat behind Travalua dunes, below Bliffony,  
Co. SL.

Bombus lucorum, including young queen; B. jonellus, <sup>very</sup> ♂ seen.

B. lapidarius, derhamellus ♂, apron & muscon April 5.

Mellinus arvensis in plantation + on dunes.

Crabs palmipes ♂ + ♀♀ on alder leaves.

*Pompilus pictus* ♀♀ in duna.

Ceropsalis maculatus 1 ♂ on Angelica outside plantation.

*Pyromia viginoti* v *Fornia fusca* n. Alder, v.

*Tentredo* & *Atelasia* aff. *reus*.

*Phyllotoma vagans* 2♀♀ (V.R.C.P.) on alder.

*Pimpla unicornis* ♀♀. *P. exanimator* ♂.

*Lissonota bellator* abundant. *Stenobothrus*

Glypta nigrotuberculata ♀♀ on angelica.

*Lamprolota* ♂ & ♀, latter in Saline.

Promethes cognatus 2070? P. pulchellus, 18.



18.8.32 afternoon cont. Travalea, Co. SL. cont.

Macrocera marginator ♂ & ♀ (examined) on Angelica.

19th August 1932. A very fine day, mostly sunny, N.W. breeze, very warm in shelter. [? Some light rain in the evening.]

11.30 till 1.0 P.M. Field behind dunes, at N. end of Burdell Strand, Co. SL. Most taken by sweeping, wet ditch full of Equisetum, Hippurus & ?

Empidonax pittus ♀ seen in dunes. [?]

3.

Microgaster

Brachypterus supra

Promethes sulcator 1 ♀

19.8.1932 afternoon. 3.30 till 5.30 P.M.

Drove through Kinslough & along S. side of L. Melvin to Rossmore (at head of Coupl); collected in glen about a mile E. of Bucknole school (=1) & again in swampy ground about 1/2 mile S.W. of "border" between N. Ireland & I. F. State. Near old disused road was one hill (=2). All Co. LE.

Bombus lucorum, hortorum, agrorum & muscorum seen

B. jonellus 1 ♀ almost certainly seen on Calluna at 2.

Verpa rufa & myrica ♀ ♀ at Calluna & ♂ at 2.

Mellinus annuus at 2.

Crabro tibiale 1 ♂ at 1.



19.8.32 cont. L. Kelvin district cont., Co. LE.

*Homocidus pallipes*, 10 (on Alder at 2.)  
*H. biguttatus*, 1 small ♀

*Promethes cognatus*, 1 ♂.

20th August 1932. A cold day, no sun till 7.0 PM.  
 with very strong N. wind all day.

Drove via Donegal to Barnesmore Gap & on to  
 small plantation beyond L. Mourne, about 5 miles

<sup>So collected!</sup> S. of Ballykilly, Co. ED. Here collected  
 during lunch or rain

*Boombus agrorum* & *lucorum*; also ? one ♂ *hortorum*  
*Athalia lineolata* 1 ♂ (v 5/3/33) or *pinellus*

*Promethes pulchellus*? 1 very large ♀.

*Myrmica ruginodis*.

20.8.32 evening, 7.0-8.0 PM.

Coast just N. of Bundoran, Co. ED

Taken at or just above high tide mark.

+ 6 pupae. } = *Platyniscus dilatatus*  
 & *Medinoptera suboptera*!

21st August 1932. Cold, strong NE wind, rain till  
 2.0 PM., then dull.

In afternoon walked to Tollymore & back. Took one beetle  
 under sea-weed on coast at Bundoran, ED.

Also *Meteorus* ♀ in *Veronica* bush at Bundoran, ED.

22nd August 1932. Very stormy, warmer, sunny  
 in morning, quite dull in afternoon, except for a few moments.

11.30 till 1.0 PM. <sup>in lowland of Knock</sup> Oakwood, marshes & on rocky ridges

S. of Bally Mt., between Ballyshannon & Belleek, Co. ED.

(N. of Raputa House!). Very good ground, but collecting  
 poor owing to high wind. Labelled <sup>Another</sup> Co. ED. 22.8.32.

*Boombus lucorum*, *hortorum* 1 ♂, *muscorum* & *agrorum*

*Prithyrus distinctus* ♂.

*Crabro chrysostomus* ♀♀ on *Angelica*.



Knatter!

22.8.32 cont. Oak wood, S. of Bely Mt., G. E.D.

Athalia & Tenthredo spp. seen.  
(cordata 100 (v. 5/3/32.)Lissonota bellator abundant: 2000. L. sp. 1 ♀.Lissonota 1 ♀  
~~6000~~ 113Dyspiter praerogator ♂.Brach ♀Proctos ♂ & ♀ in cop. on Rhododendron leaf.

22.8.32 afternoon 3 PM.

Plantation at Bartleghal, G. S.L. (for ten minutes!)

Crabro styrii 1 on same oak as before.Leptocryptus cereus 1 ♀Eubadizon extensor 1 ♂, 1 ♀

22.8.32 afternoon, cont. 3.30 till 6.0 PM.

Bunduff, fields &amp; c, at N. end of strand, as before, G. S.L.

Most taken by sweeping vegetation in drain in marshy field, as on 19.8.32.

Pteronidea myosotidis ♀ & R.C.L.O. Pachynematus clutellatus 1 ♀ R.C.L.O.CampoplexHomocidus

1 ♂, 1 ♀, 2 ♂, 1 ♀ (small?)

Promethes cognatus 2 ♂♂. P. pulchellus 1 ♀.Homocidus bigonarius 1 ♂ (v. AWS 23.3.33). H. obscuripes 1 ♂.Mesochorus small sp. 1.Dacnusa 1 ♀Campoplex 1 ♂, 1 ♀Chrysoidea 1 ♂, 1 ♀. Sigalphus caudatus 1 ♂.Opomyza 1 ♀. Opomyza 1 ♀



23<sup>rd</sup> August 1932. A perfect day: all sunny, with cool E. breeze.

Drove up west side of Gleniff, Co. Sh. & ascended cliff of Annacoona from the school. Took some icks in marsh <sup>at 750 ft.</sup> near school (= 1); found a pine on Angelica at base of main cliff (near 1500 ft.?) (= 2).

In afternoon drove down E. side of Glen & collected along stream flowing through small valley with willow scrub at about 600 ft. alt. (= 3).

Spent most of the day looking for plants & most of them recorded seen, but not Saxifraga nivalis.

Saw one fresh Peacock Butterfly at 3, the first seen this autumn.

Bombus agrorum & lucorum only bumblebees seen: at 1 & 3.

Candrena quoyana 1 ♀ (2+ brood) on Rubus flowers at 3.

Green, velvet, softly larvae swept off rushes (?) on half above lower cliff at 1, but not kept.

Zootaphus rufiventris common at 1.

Orthocentrus seen at 1.

Promethes laticarpus 1 tiny ♂ at 1. P. sulcator 1 ♂ at 1. Homocidus 2 seen at 1.

Homocidus

Pimpla rufiventris

at 1. 100 ft. from school.

23.8.32 cont.

Gleniff, Co. Sh. cont.

Apanteles

Apanteles

24<sup>th</sup> August 1932. A dull, rain day. Spent morning at Bundarra Strand Co. Sh., but did not collect much. A couple of Brachonids also taken on toilet window in Bundarra, E.D.

11.0 AM. In house Bundarra, Co. E.D.

11.30 till 1.0 PM. Most taken on surface of pool on shore.



24th Aug. 1932 Afternoon. Very warm & dull.

From via Dohegal to Buckless peninsula,  
near Killybegs, Co. WD. Collected on hillside  
behind Benroe Cottage, facing Killybegs Harbour  
(=1) & in scrub on eastern slope of barn more,  
near Buckless Station, there very interesting  
ground, at 6-30 till 7.0 PM. (=2).

*Bombus lucorum*, *terrestris* 1 seen, *agrorum* & *muscorum*  
all seen on heather at 1.

*Halictus fuscescens*, ♂ swept in meadow field at 2.  
*Prisphorus* "*bullei* Emelin"? ✓ PCLP. (See letter of 27.1.33!), ♀ at 1.

*Homocidus pallipes* 10♂. *Promethes cognatus* 1♀.

*Chalcidius ruficornis* 1♂.

*Chalcidius ruficornis* 1♂.

*Chalcidius ruficornis* 1♂.

*Chalcidius ruficornis* 1♂.

25th August. 1932. A fine morning, but dull in afternoon.

Warm, with chilly E. breeze in places.

From to Lough Gill, Cos. SH & LE.

Collected at upper end of lake in Striff Woods, Co. LE. 12 noon  
till 2.30 PM.  
& in woods west of Doonee Rock, Co. SH, from 3.30 till 5.0 PM.

From till 2.30 PM. Woods & lake shore N. of Striff Cottage, LE.

*Bombus agrorum*, *lucorum* & *terrestris* 10♂ seen, with  
many fresh Peacock butterflies on scabiosa in clearing.

*Halictus*? sp.? ♀ seen on *Eupatorium cannabinum* - wood.

*Verpa vulgaria* ♀♀ seen

*Atelasia* sp. seen. *Stenomacrus delicatulus* ♀.

*Phytodietus* 1♀, none.

Mostich & Breenish  
& Prototypus taken in  
woods on bog, but several  
sifted off watercress!

*Promethes scutellaris* 10♂, 2♀♀. *P. cognatus* 1♂. *P. platycarpus* ?? 1 small dark ♂.



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25.8.32 afternoon. Woods W. of Doonee Rock, L. Hill  
G.S.L.

3.30-5.30 PM, dull! Very good ground!

*Bombus lucorum*, *agrorum*, *terrestris*, & *muscorum*

*Psithyrus distinctus* ♂? [also one which might have been *barbutellus* ♂]

*Vespa vulgaris* ♀♀.

*Hemiteles*

26th August 1932. A glorious morning, but dull after 2 o'clock & wet in evening. Spent morning clearing off weeds!

1.0 till 1.15 PM. Quarry near Fairy Bridges, abn S. end of Tullan strand, Bundoran, Co. ED. Taken on leaves of Coltsfoot, thistles or flowers of Wild Carrot.

*Pimpla inquisitor* 1 ♀: accidentally broken & not kept. *Brevicornis* 1 ♀.

*Acanthosyrphus quadrifidus* 10. *Homocidus elegans*? 1 ♀.

*Microgaster* 1 ♂, 1 ♀. *Dacnusa areolaris* ♀

*Proctotrypes* 1 ♀

*Chalcid*

233

26.8.32 cont.

3.0 PM. Spent a few minutes in plantation near Ballygal,  
Co. SH; but too dull for *Crabro styrius* & none seen.  
*Braconites* & ichs. swept of same oak as before.

*Eupadegon*

♂ & ♀.

Also swept: = *Pristiphora pallidiventrus* var. *denudata* Kon. ♀ - ✓ RCLP.

26.8.32 afternoon. 3.30 till 5.45. Dull, windy, warm!

S. edge of plantation behind Travallua strand, below

Clifford, Co. SH - as before (on 18.8.32!).

*Bombus*, *Vespa vulgaris*, *halictus* & *Crabro palmipes* as before.

*Ferusa dohrni* 1 ♀ in alder. *Pachyneuratus obductus* ♀ ✓ RCLP.

*Phyllotoma ruficornis* ♀ on alder (✓ A.H.S.).

*Pteronidea dijouspila* ♀ var. (✓ RCLP) on Salix

*Pimpla brevicornis* ♀♀ abundant. *Leucospota* ♀.

*P. nigricans*? large ♀ on Salix.

*Lampronia* ♂ & ♀.

*Mesochorus*

*Dacnusa*



26.8.32 aft. cont. - Travallua Plantation, Clifony, SL.

*Promethes cognatus* 40000. *Platycarpus* 100. *P. pulchellus* 100.

27<sup>th</sup> August 1932. A fine day, with strong S. wind; & except from noon till 2 P.M. all sunny. <sup>unhatched</sup>  
Woods, marshes &c, on S. slope of Beby Mt., between Ballykarnon & Belleek, Co. ED, as on 22/8/32. This place I was told by a man making hay was in the T.D.s. of "Knather", "The Mullans" & a third I could not catch.  
*Bombus lucorum*, 4 <sup>seen</sup>, *muscorum* & *lapidarius* seen.  
*Mellinus arvensis*, a few seen.  
*Vespa vulgaris* a few ♂ & ♀ seen.

27.8.32 cont. Woods &c, S. of Beby Mt., Co. ED. cont.

*Crabro varius* 100 in hazel.

*Pompilus* black ♀, almost certainly *nigerimus*, on upturned stump of tree: escaped from under handkerchief.

*Athalia cordata* 1 ♀ (v. 13/32) *Selandria morio* ♀ <sup>RCLB.</sup> in oak.

*Amblyteles castanopogon* 100.

*Promethes sulcator* 100. *P. pulchellus* 100.



236.

28<sup>th</sup> August 1932. A fine day, but dull till 4.0 PM.  
11.30 till 1.0 PM. "Collayarry", a small rock bound bay on W. coast between Mullaghmore & Traawallua, Co. Sl.

Took some (nine) small *Proctotrupids* etc, under decaying seaweed at high-tide mark amongst boulders.

Also, a aphidiid & a Chalcid floating on surface of a rock pool. Also, a ich, cf. *Hermitia*. On return journey stopped at fork of road just W of Bunduff Lough to collect mostly larvae on *Salix pentandra* & on this took two ichs:—

*Stelgidopteryx* cf. *Stelgidopteryx* (1st inst.)

*Blackobrytus* Chalcid

*Hemiteles*

*Meloboris*

28.8.32 afternoon. 3.30 till 5.30 PM.

Shore of L. Melvin at Rossiner, Co. LE. & field etc.  
E. of road.

*Bombus lucorum*, *agrorum*, *muscorum* & *hortorum* 1♀ seen.

*Vespa vulgaris* ♀♀.

*Oedematopsis subicola* ♀ on Alder. Larvae of *Stelgidopteryx* etc.

*Euclyptus*

*Chalcid*

237.

28.8.32 aft. cont.

L. Melvin, Co. LE cont.

*Pezomachus*

♀, brown, on Alder.

*Promethes*, *Chalcid*, etc.

*Eupadegon* etc.

*Phaenocarpa* etc.

29<sup>th</sup> August 1932. A fine morning, dull & rain during mid day, but misty rain later.

12 noon till 2.0 PM. Glencar (upper end), Co. LE.

Unless stated, all collected by side "glen" at E. end of the "Swiss Valley" ship, near waterfall: a few only taken by stream below waterfall.



238.

29.8.32 cont. Glencar, Co. LE. cont.

*Bombus agrorum* & *lucorum* only seen.*Vespa vulgaris* ♀♀.*Phaenocarpa* sp.*Leucophaea* sp.*Promethes cognatus*, 107, 19.*Pimpla* sp.*Diapriid* sp.*Dacnusa* sp.*Aphidius* sp.

29.8.32 afternoon

5th August-1932. A dull day, with thick misty rain after a glorious morning. Drove home to Dublin from Bundoran. Stopped on roadside between Carrick-on-Shannon & Jamestown, Co. LE, for lunch & here swept a few species of ich & braconids off sheltered side of *Sycamore* in hedge. Collected nowhere else on journey.

*Dacnusa* sp.*Exochus* sp.*Promethes* 1 small dark ♂, with matt mesonotum, but elongate 1st segment as in *cognatus*: ? sp.

239.

29.8.32 afternoon. Woods near Shrieff Cottage, L. Gill, Co. LE. Dull: rain just commenced.  
A few ich & braconids taken, mostly on hazel bushes!

*Promethes. catenator*? 1 ♂.

## END OF BUNDORAN TRIP!

113. Approximately 13000  
insects taken during  
the trip! AWS.  
21.1.33.

31<sup>st</sup> August 1932, afternoon, 3.0 till 5.0 P.M.

Bright sunny day; cooler, strong W. wind; very few insects out. Erriskony Glen, Co. WI.

*Bombus agrorum* & *lucorum* a few worn ♀♀ only seen*Psithyrus campestris*, 1 worn ♂ of *v. rorarius**Mellinus arvensis* several ♀♀ seen.*Compilus fittus*, 1 ♀ on gravel flat.*Athalia* sp. very common. *Tryphon elongatus* & *Dyspates proseruator* both commonly seen on *Asperula*.*Apanteles* 1 ♀.*Promethes. pulchellus*, 1 ♂.



240.

4th September 1932. A dull chilly & unpromising morning with strong NW wind, gradually improving & the afternoon calmer, milder & sunnier.

Deputy's Pass, Co. WI.

All insects taken on NE side near the "avenue" & the old garden, or by the river below.

*Bombus agrorum* & *lucorum* only seen.

*Psithyrus distinctus* faded ♂♂.

*Halictus calcitrans* a few ♂♂ on ragwort.

*Crabro styrius* 1 tiny ♂ on hazel by the river.

There stump & stepping stones provide a crossing.

*C. palmipes* a large & very red ♀ at same place.

*C. rufus* 1 ♀ near old garden.

*Pompilus nigerimus* 1 ♀ on nettles at entrance.

*Athalia lineolata* 1 ♀ (✓ 5/3/33).

*Pimpla instigator* large ♀ at log in old garden.

*P. mandibularis* ? 1 ♀ at Spanish fir tree there.

*P. m. maculata* ♀

*Cratichneumon*

*Stenomacrus ventralis* 1 ♀ at old garden.

*Hypomeus quadricinctus* 1 ♀

*Dicaelotus* 1 ♀

241.

4.9.32 cont. Deputy's Pass, WI cont.

*Plectrocryptus tarsatus* ♂ examined & released.

*Stenomacrus ventralis* ♀ ex. & rel.

*Opius*

*Aspilota distracta* ♀. *A. fuscicornis* common.

*Daenusa gilvipes* 1 ♂. 2.

5.9.32. J. P. Bruckner brought me a ♀ *Pimpla* *tunioellae* caught in the beery (Guinness), Dublin & believes that he has seen other similar.



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7<sup>th</sup> Sept

7<sup>th</sup> Sept. 1932. A dull afternoon, some misty rain,  
after a fine morning; only two sunbursts of a few minutes.  
3.0 till 5.0 P.M. Oak wood, E. of upper lodge & road  
to Delgany, Bellvue, Co. WI.

Most insects beaten from oak, but one or two taken with net & three or four taken in main estate near the Alder swamp there on 23/8/1931. Look the Diptera Oxycera fallaxii (none seen this day!).

Bombus lapidarius 1 fresh ♀ reported by George!

B. agrorum frequent; one melanic ♂ taken.

{No other aculeate seen!}

Liechtenstein

Pimpla turinellae 2 small ♀♀ beaten out of oak.

Orthocentrus, lanceus ♀. Stenocercus ventralis: ♀♀ besten

Eubadizon extensor ♀

Opius Blacus humilis Spuler 1913

243

9<sup>th</sup> Sept. 1932. A female *Dacnusa stramineipes* taken in  
nest box, at 14 Clareville Rd. Rathgar, Du.

11<sup>th</sup> Sept. 1932. A wild day after a wet night, but mostly sunny & no rain; wind almost a gale, W-NW, with rapidly rising barometer. Insects scarce!

Deputy's Pass G. W. I. About a dozen specimens taken  
on S.W. side <sup>(= 1)</sup> all others on NE side of pass & most  
near river & below old "farden" (= 2)

Only aculeate seen were Bombus lucorum & agrorum  
& Vespa vulgaris. Scolionura betulae ♀ & P.C.B.

Habrocytus minoris ♀ beaten out of the Spanish Fir! } another in  
same tree  
on 12/3/33!

*Promethes scutellatus* ♂ + ♀ in swamp & river at 2.  
*P. pulchellus*, 10♂.

Daemusa gilripes 2 ♂♂ in swamp at 2. D. areolaris ♀ on bog at 2.  
D. ♂ in swamp at 2, with gilripes (11. 11. 1906)



244.

11.9.32 cont.

Deputy's Pass, Co. WI cont.

6

14.4 Sept 1932. Cont.

*Grass* ...

*Deciduous* ...

*D. ulmaria* ...

*Yellow* ...

*Stenocranus* ...

Several *Prunus*, *Chelidonium*, & *Hyoscyamus*.

245.



244.

11.9.

60

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14.4.

100

200

300

400

500

600



24

11



